

0.00E+00	2.39E-04
1.00E+00	-4.03E-05
2.00E+00	-3.47E-04
3.00E+00	-4.31E-04
4.00E+00	-2.59E-04
5.00E+00	8.67E-05
6.00E+00	2.98E-04
7.00E+00	1.45E-04
8.00E+00	-2.63E-04
9.00E+00	-5.74E-04
1.00E+01	-5.05E-04
1.10E+01	2.46E-05
1.20E+01	4.26E-04
1.30E+01	2.11E-04
1.40E+01	-3.51E-04
1.50E+01	-5.42E-04
1.60E+01	-1.79E-04
1.70E+01	2.04E-04
1.80E+01	1.20E-04
1.90E+01	-2.58E-04
2.00E+01	-3.83E-04
2.10E+01	-1.58E-04
2.20E+01	9.24E-05
2.30E+01	1.65E-04
2.40E+01	2.93E-05
2.50E+01	-1.49E-04
2.60E+01	-3.15E-04
2.70E+01	-3.40E-04
2.80E+01	-1.30E-04
2.90E+01	2.38E-04
3.00E+01	3.90E-04
3.10E+01	6.59E-05
3.20E+01	-3.84E-04
3.30E+01	-4.07E-04
3.40E+01	2.27E-05
3.50E+01	3.37E-04
3.60E+01	1.46E-04
3.70E+01	-2.02E-04
3.80E+01	-1.62E-04
3.90E+01	1.64E-04
4.00E+01	3.13E-04
4.10E+01	1.50E-04
4.20E+01	-8.22E-05
4.30E+01	-1.20E-04
4.40E+01	-6.33E-06
4.50E+01	1.21E-04
4.60E+01	2.32E-04

4.70E+01	3.79E-04
4.80E+01	3.50E-04
4.90E+01	6.17E-05
5.00E+01	-2.03E-04
5.10E+01	-9.28E-05
5.20E+01	3.29E-04
5.30E+01	5.28E-04
5.40E+01	2.90E-04
5.50E+01	8.51E-06
5.60E+01	9.91E-05
5.70E+01	3.61E-04
5.80E+01	3.57E-04
5.90E+01	1.21E-04
6.00E+01	-8.01E-06
6.10E+01	1.28E-04
6.20E+01	3.54E-04
6.30E+01	3.82E-04
6.40E+01	2.93E-04
6.50E+01	2.41E-04
6.60E+01	1.91E-04
6.70E+01	5.16E-05
6.80E+01	-3.13E-05
6.90E+01	1.19E-04
7.00E+01	4.02E-04
7.10E+01	4.44E-04
7.20E+01	1.80E-04
7.30E+01	-2.34E-05
7.40E+01	3.76E-05
7.50E+01	1.75E-04
7.60E+01	1.34E-04
7.70E+01	-4.58E-07
7.80E+01	3.63E-05
7.90E+01	2.06E-04
8.00E+01	2.62E-04
8.10E+01	9.57E-05
8.20E+01	-6.50E-05
8.30E+01	-7.65E-05
8.40E+01	-1.31E-05
8.50E+01	-1.50E-05
8.60E+01	-6.60E-05
8.70E+01	3.14E-05
8.80E+01	1.64E-04
8.90E+01	1.27E-04
9.00E+01	-8.33E-05
9.10E+01	-2.11E-04
9.20E+01	-1.67E-04
9.30E+01	-1.05E-04

9.40E+01	-1.05E-04
9.50E+01	-5.25E-05
9.60E+01	8.15E-05
9.70E+01	1.23E-04
9.80E+01	-1.05E-04
9.90E+01	-3.47E-04
1.00E+02	-2.98E-04
1.01E+02	-6.46E-05
1.02E+02	6.95E-05
1.03E+02	-4.54E-05
1.04E+02	-1.83E-04
1.05E+02	-1.23E-04
1.06E+02	-2.72E-05
1.07E+02	-7.14E-05
1.08E+02	-1.77E-04
1.09E+02	-2.04E-04
1.10E+02	-1.94E-04
1.11E+02	-1.94E-04
1.12E+02	-1.03E-04
1.13E+02	9.42E-05
1.14E+02	1.80E-04
1.15E+02	-4.17E-05
1.16E+02	-4.51E-04
1.17E+02	-5.25E-04
1.18E+02	-1.32E-04
1.19E+02	2.59E-04
1.20E+02	2.11E-04
1.21E+02	-1.57E-04
1.22E+02	-3.62E-04
1.23E+02	-2.24E-04
1.24E+02	-3.84E-05
1.25E+02	-1.41E-05
1.26E+02	-4.51E-05
1.27E+02	-1.37E-04
1.28E+02	-2.32E-04
1.29E+02	-2.16E-04
1.30E+02	1.45E-05
1.31E+02	2.68E-04
1.32E+02	1.52E-04
1.33E+02	-2.99E-04
1.34E+02	-6.17E-04
1.35E+02	-3.41E-04
1.36E+02	2.76E-04
1.37E+02	5.37E-04
1.38E+02	1.55E-04
1.39E+02	-3.65E-04
1.40E+02	-4.92E-04

1.41E+02	-1.51E-04
1.42E+02	2.09E-04
1.43E+02	2.96E-04
1.44E+02	1.54E-04
1.45E+02	-1.35E-04
1.46E+02	-3.07E-04
1.47E+02	-7.98E-05
1.48E+02	3.69E-04
1.49E+02	4.99E-04
1.50E+02	9.95E-05
1.51E+02	-3.98E-04
1.52E+02	-4.00E-04
1.53E+02	1.57E-04
1.54E+02	7.05E-04
1.55E+02	6.65E-04
1.56E+02	8.05E-05
1.57E+02	-4.53E-04
1.58E+02	-3.66E-04
1.59E+02	2.12E-04
1.60E+02	6.95E-04
1.61E+02	6.66E-04
1.62E+02	2.03E-04
1.63E+02	-2.92E-04
1.64E+02	-2.71E-04
1.65E+02	2.91E-04
1.66E+02	7.86E-04
1.67E+02	5.90E-04
1.68E+02	-5.37E-05
1.69E+02	-3.64E-04
1.70E+02	-7.29E-05
1.71E+02	5.35E-04
1.72E+02	8.51E-04
1.73E+02	5.66E-04
1.74E+02	-1.26E-04
1.75E+02	-5.55E-04
1.76E+02	-2.29E-04
1.77E+02	5.88E-04
1.78E+02	9.83E-04
1.79E+02	5.32E-04
1.80E+02	-2.76E-04
1.81E+02	-6.28E-04
1.82E+02	-1.69E-04
1.83E+02	6.11E-04
1.84E+02	8.07E-04
1.85E+02	2.26E-04
1.86E+02	-3.94E-04
1.87E+02	-4.43E-04

1.88E+02	-9.34E-06
1.89E+02	4.65E-04
1.90E+02	6.17E-04
1.91E+02	2.17E-04
1.92E+02	-4.86E-04
1.93E+02	-7.81E-04
1.94E+02	-1.67E-04
1.95E+02	7.60E-04
1.96E+02	8.16E-04
1.97E+02	-8.88E-05
1.98E+02	-8.94E-04
1.99E+02	-7.30E-04
2.00E+02	1.05E-04
2.01E+02	6.94E-04
2.02E+02	4.33E-04
2.03E+02	-2.73E-04
2.04E+02	-6.28E-04
2.05E+02	-4.71E-04
2.06E+02	-5.95E-05
2.07E+02	3.45E-04
2.08E+02	4.43E-04
2.09E+02	-5.09E-05
2.10E+02	-7.86E-04
2.11E+02	-8.26E-04
2.12E+02	9.70E-05
2.13E+02	8.89E-04
2.14E+02	4.68E-04
2.15E+02	-6.66E-04
2.16E+02	-1.06E-03
2.17E+02	-3.64E-04
2.18E+02	4.80E-04
2.19E+02	5.90E-04
2.20E+02	2.60E-05
2.21E+02	-5.17E-04
2.22E+02	-5.96E-04
2.23E+02	-3.41E-04
2.24E+02	4.95E-05
2.25E+02	4.07E-04
2.26E+02	3.85E-04
2.27E+02	-2.67E-04
2.28E+02	-9.27E-04
2.29E+02	-6.12E-04
2.30E+02	4.34E-04
2.31E+02	8.59E-04
2.32E+02	3.38E-05
2.33E+02	-9.14E-04
2.34E+02	-7.82E-04

2.35E+02	8.98E-05
2.36E+02	6.02E-04
2.37E+02	3.14E-04
2.38E+02	-2.47E-04
2.39E+02	-5.23E-04
2.40E+02	-4.15E-04
2.41E+02	-1.27E-04
2.42E+02	2.17E-04
2.43E+02	4.58E-04
2.44E+02	2.07E-04
2.45E+02	-4.83E-04
2.46E+02	-8.05E-04
2.47E+02	-1.70E-04
2.48E+02	6.95E-04
2.49E+02	6.45E-04
2.50E+02	-2.22E-04
2.51E+02	-7.50E-04
2.52E+02	-3.00E-04
2.53E+02	4.01E-04
2.54E+02	5.42E-04
2.55E+02	1.49E-04
2.56E+02	-2.14E-04
2.57E+02	-2.79E-04
2.58E+02	-9.99E-05
2.59E+02	2.12E-04
2.60E+02	4.70E-04
2.61E+02	4.45E-04
2.62E+02	4.24E-05
2.63E+02	-4.19E-04
2.64E+02	-3.16E-04
2.65E+02	3.72E-04
2.66E+02	8.33E-04
2.67E+02	4.55E-04
2.68E+02	-2.16E-04
2.69E+02	-3.49E-04
2.70E+02	1.32E-04
2.71E+02	5.63E-04
2.72E+02	5.26E-04
2.73E+02	1.84E-04
2.74E+02	-5.55E-05
2.75E+02	-4.09E-05
2.76E+02	2.00E-04
2.77E+02	4.72E-04
2.78E+02	5.10E-04
2.79E+02	2.42E-04
2.80E+02	-1.12E-04
2.81E+02	-1.74E-04

2.82E+02	1.59E-04
2.83E+02	6.19E-04
2.84E+02	5.88E-04
2.85E+02	1.36E-04
2.86E+02	-2.17E-04
2.87E+02	-1.43E-04
2.88E+02	2.28E-04
2.89E+02	4.62E-04
2.90E+02	3.41E-04
2.91E+02	4.27E-05
2.92E+02	-1.54E-04
2.93E+02	-4.17E-05
2.94E+02	2.35E-04
2.95E+02	3.49E-04
2.96E+02	1.69E-04
2.97E+02	-1.61E-04
2.98E+02	-2.49E-04
2.99E+02	-3.88E-05
3.00E+02	2.59E-04
3.01E+02	3.37E-04
3.02E+02	7.95E-05
3.03E+02	-2.36E-04
3.04E+02	-3.35E-04
3.05E+02	-1.56E-04
3.06E+02	1.30E-04
3.07E+02	2.53E-04
3.08E+02	6.05E-05
3.09E+02	-2.47E-04
3.10E+02	-3.45E-04
3.11E+02	-9.44E-05
3.12E+02	1.49E-04
3.13E+02	9.98E-05
3.14E+02	-1.96E-04
3.15E+02	-3.66E-04
3.16E+02	-2.14E-04
3.17E+02	6.91E-05
3.18E+02	1.75E-04
3.19E+02	6.78E-06
3.20E+02	-2.47E-04
3.21E+02	-4.01E-04
3.22E+02	-2.95E-04
3.23E+02	-4.06E-05
3.24E+02	1.95E-04
3.25E+02	1.65E-04
3.26E+02	-1.48E-04
3.27E+02	-4.45E-04
3.28E+02	-3.39E-04

3.29E+02	2.14E-05
3.30E+02	1.60E-04
3.31E+02	-3.55E-05
3.32E+02	-2.90E-04
3.33E+02	-2.86E-04
3.34E+02	-8.37E-05
3.35E+02	9.70E-05
3.36E+02	6.33E-05
3.37E+02	-1.19E-04
3.38E+02	-2.98E-04
3.39E+02	-3.53E-04
3.40E+02	-1.80E-04
3.41E+02	1.08E-04
3.42E+02	2.50E-04
3.43E+02	5.91E-05
3.44E+02	-3.24E-04
3.45E+02	-4.90E-04
3.46E+02	-2.14E-04
3.47E+02	1.74E-04
3.48E+02	2.04E-04
3.49E+02	-3.87E-05
3.50E+02	-2.27E-04
3.51E+02	-2.08E-04
3.52E+02	-5.99E-05
3.53E+02	6.42E-05
3.54E+02	8.26E-05
3.55E+02	-3.13E-05
3.56E+02	-2.16E-04
3.57E+02	-2.09E-04
3.58E+02	2.97E-05
3.59E+02	2.65E-04
3.60E+02	2.66E-04
3.61E+02	-4.32E-06
3.62E+02	-2.85E-04
3.63E+02	-2.86E-04
3.64E+02	3.49E-05
3.65E+02	3.46E-04
3.66E+02	3.59E-04
3.67E+02	1.48E-04
3.68E+02	-7.69E-05
3.69E+02	-1.49E-04
3.70E+02	8.97E-06
3.71E+02	2.78E-04
3.72E+02	3.61E-04
3.73E+02	1.70E-04
3.74E+02	-4.26E-05
3.75E+02	2.66E-05

3.76E+02	2.73E-04
3.77E+02	3.91E-04
3.78E+02	2.81E-04
3.79E+02	1.09E-04
3.80E+02	-2.23E-05
3.81E+02	8.15E-06
3.82E+02	2.12E-04
3.83E+02	4.82E-04
3.84E+02	5.37E-04
3.85E+02	2.64E-04
3.86E+02	-8.77E-05
3.87E+02	-1.88E-04
3.88E+02	1.41E-04
3.89E+02	5.38E-04
3.90E+02	5.34E-04
3.91E+02	1.76E-04
3.92E+02	-7.23E-05
3.93E+02	3.67E-05
3.94E+02	2.35E-04
3.95E+02	2.93E-04
3.96E+02	2.30E-04
3.97E+02	1.47E-04
3.98E+02	2.67E-05
3.99E+02	-7.32E-05
4.00E+02	8.08E-05
4.01E+02	4.04E-04
4.02E+02	4.56E-04
4.03E+02	4.41E-05
4.04E+02	-4.01E-04
4.05E+02	-3.46E-04
4.06E+02	1.58E-04
4.07E+02	5.28E-04
4.08E+02	3.46E-04
4.09E+02	-1.23E-04
4.10E+02	-3.50E-04
4.11E+02	-2.00E-04
4.12E+02	1.46E-05
4.13E+02	1.41E-04
4.14E+02	1.57E-04
4.15E+02	3.12E-05
4.16E+02	-2.25E-04
4.17E+02	-3.30E-04
4.18E+02	-6.60E-05
4.19E+02	2.77E-04
4.20E+02	2.08E-04
4.21E+02	-2.56E-04
4.22E+02	-5.55E-04

4.23E+02	-3.26E-04
4.24E+02	1.73E-04
4.25E+02	3.66E-04
4.26E+02	1.01E-04
4.27E+02	-3.05E-04
4.28E+02	-5.01E-04
4.29E+02	-3.38E-04
4.30E+02	-8.30E-06
4.31E+02	2.53E-04
4.32E+02	2.05E-04
4.33E+02	-1.75E-04
4.34E+02	-4.86E-04
4.35E+02	-3.73E-04
4.36E+02	3.67E-05
4.37E+02	2.53E-04
4.38E+02	1.62E-05
4.39E+02	-3.56E-04
4.40E+02	-4.21E-04
4.41E+02	-1.38E-04
4.42E+02	1.49E-04
4.43E+02	2.09E-04
4.44E+02	5.71E-06
4.45E+02	-3.16E-04
4.46E+02	-5.08E-04
4.47E+02	-3.12E-04
4.48E+02	1.83E-04
4.49E+02	4.31E-04
4.50E+02	8.02E-05
4.51E+02	-4.65E-04
4.52E+02	-5.45E-04
4.53E+02	-1.08E-04
4.54E+02	2.52E-04
4.55E+02	1.67E-04
4.56E+02	-1.36E-04
4.57E+02	-2.81E-04
4.58E+02	-1.94E-04
4.59E+02	-3.63E-05
4.60E+02	7.80E-05
4.61E+02	1.31E-04
4.62E+02	2.58E-05
4.63E+02	-2.61E-04
4.64E+02	-3.99E-04
4.65E+02	-6.17E-05
4.66E+02	4.35E-04
4.67E+02	4.14E-04
4.68E+02	-1.39E-04
4.69E+02	-5.09E-04

4.70E+02	-2.16E-04
4.71E+02	3.15E-04
4.72E+02	3.73E-04
4.73E+02	8.97E-05
4.74E+02	-7.05E-05
4.75E+02	-3.65E-05
4.76E+02	4.51E-05
4.77E+02	9.04E-05
4.78E+02	2.12E-04
4.79E+02	2.98E-04
4.80E+02	1.29E-04
4.81E+02	-1.32E-04
4.82E+02	-7.58E-05
4.83E+02	3.63E-04
4.84E+02	6.09E-04
4.85E+02	2.57E-04
4.86E+02	-2.32E-04
4.87E+02	-1.66E-04
4.88E+02	3.42E-04
4.89E+02	5.63E-04
4.90E+02	3.04E-04
4.91E+02	5.78E-05
4.92E+02	9.43E-05
4.93E+02	1.74E-04
4.94E+02	1.61E-04
4.95E+02	2.45E-04
4.96E+02	3.92E-04
4.97E+02	3.19E-04
4.98E+02	-3.30E-06
4.99E+02	-9.94E-05
5.00E+02	2.49E-04
5.01E+02	5.83E-04
5.02E+02	3.60E-04
5.03E+02	-1.47E-04
5.04E+02	-2.43E-04
5.05E+02	1.81E-04
5.06E+02	5.07E-04
5.07E+02	3.12E-04
5.08E+02	-4.00E-05
5.09E+02	-7.68E-05
5.10E+02	4.10E-05
5.11E+02	3.05E-05
5.12E+02	5.79E-05
5.13E+02	2.73E-04
5.14E+02	2.96E-04
5.15E+02	-1.05E-04
5.16E+02	-4.32E-04

5.17E+02	-1.23E-04
5.18E+02	3.97E-04
5.19E+02	3.82E-04
5.20E+02	-1.80E-04
5.21E+02	-4.81E-04
5.22E+02	-1.68E-04
5.23E+02	2.66E-04
5.24E+02	2.17E-04
5.25E+02	-1.29E-04
5.26E+02	-2.51E-04
5.27E+02	-1.21E-04
5.28E+02	-1.24E-04
5.29E+02	-1.79E-04
5.30E+02	3.49E-05
5.31E+02	2.66E-04
5.32E+02	6.95E-06
5.33E+02	-5.33E-04
5.34E+02	-5.34E-04
5.35E+02	9.51E-05
5.36E+02	4.61E-04
5.37E+02	3.37E-05
5.38E+02	-5.12E-04
5.39E+02	-4.10E-04
5.40E+02	6.14E-05
5.41E+02	1.68E-04
5.42E+02	-9.95E-05
5.43E+02	-2.30E-04
5.44E+02	-9.53E-05
5.45E+02	-7.09E-05
5.46E+02	-2.49E-04
5.47E+02	-1.94E-04
5.48E+02	1.65E-04
5.49E+02	2.45E-04
5.50E+02	-2.75E-04
5.51E+02	-6.71E-04
5.52E+02	-2.74E-04
5.53E+02	4.11E-04
5.54E+02	3.73E-04
5.55E+02	-2.85E-04
5.56E+02	-5.50E-04
5.57E+02	-1.59E-04
5.58E+02	1.50E-04
5.59E+02	-1.88E-05
5.60E+02	-2.31E-04
5.61E+02	-5.76E-05
5.62E+02	1.34E-04
5.63E+02	-9.91E-05

5.64E+02	-3.66E-04
5.65E+02	-1.50E-04
5.66E+02	2.79E-04
5.67E+02	1.78E-04
5.68E+02	-3.55E-04
5.69E+02	-5.00E-04
5.70E+02	6.44E-05
5.71E+02	4.97E-04
5.72E+02	1.34E-04
5.73E+02	-3.99E-04
5.74E+02	-2.93E-04
5.75E+02	1.44E-04
5.76E+02	1.78E-04
5.77E+02	-1.25E-04
5.78E+02	-9.57E-05
5.79E+02	2.69E-04
5.80E+02	3.05E-04
5.81E+02	-1.15E-04
5.82E+02	-3.23E-04
5.83E+02	5.74E-05
5.84E+02	4.45E-04
5.85E+02	2.61E-04
5.86E+02	-1.24E-04
5.87E+02	-8.57E-05
5.88E+02	3.20E-04
5.89E+02	4.14E-04
5.90E+02	4.29E-05
5.91E+02	-1.39E-04
5.92E+02	1.69E-04
5.93E+02	4.32E-04
5.94E+02	1.95E-04
5.95E+02	-5.10E-05
5.96E+02	1.84E-04
5.97E+02	5.43E-04
5.98E+02	3.96E-04
5.99E+02	-1.03E-04
6.00E+02	-1.99E-04
6.01E+02	2.16E-04
6.02E+02	5.36E-04
6.03E+02	4.22E-04
6.04E+02	1.66E-04
6.05E+02	9.03E-05
6.06E+02	1.59E-04
6.07E+02	1.25E-04
6.08E+02	4.21E-05
6.09E+02	1.94E-04
6.10E+02	4.47E-04

6.11E+02	3.63E-04
6.12E+02	-6.18E-05
6.13E+02	-1.92E-04
6.14E+02	1.87E-04
6.15E+02	5.00E-04
6.16E+02	2.60E-04
6.17E+02	-2.15E-04
6.18E+02	-2.80E-04
6.19E+02	8.34E-05
6.20E+02	3.77E-04
6.21E+02	3.55E-04
6.22E+02	9.28E-05
6.23E+02	-1.56E-04
6.24E+02	-2.59E-04
6.25E+02	-2.08E-04
6.26E+02	2.39E-05
6.27E+02	3.29E-04
6.28E+02	3.87E-04
6.29E+02	-2.15E-05
6.30E+02	-4.96E-04
6.31E+02	-4.49E-04
6.32E+02	7.25E-05
6.33E+02	4.18E-04
6.34E+02	1.44E-04
6.35E+02	-3.63E-04
6.36E+02	-4.54E-04
6.37E+02	-1.07E-04
6.38E+02	2.09E-04
6.39E+02	2.27E-04
6.40E+02	-4.47E-05
6.41E+02	-3.90E-04
6.42E+02	-5.04E-04
6.43E+02	-2.80E-04
6.44E+02	1.58E-04
6.45E+02	4.43E-04
6.46E+02	2.50E-04
6.47E+02	-3.78E-04
6.48E+02	-7.95E-04
6.49E+02	-4.79E-04
6.50E+02	2.53E-04
6.51E+02	5.54E-04
6.52E+02	9.63E-05
6.53E+02	-4.85E-04
6.54E+02	-5.42E-04
6.55E+02	-1.62E-04
6.56E+02	1.90E-04
6.57E+02	2.44E-04

6.58E+02	-1.44E-05
6.59E+02	-4.02E-04
6.60E+02	-5.30E-04
6.61E+02	-2.08E-04
6.62E+02	3.08E-04
6.63E+02	5.21E-04
6.64E+02	8.76E-05
6.65E+02	-6.43E-04
6.66E+02	-8.77E-04
6.67E+02	-2.41E-04
6.68E+02	5.61E-04
6.69E+02	6.44E-04
6.70E+02	-2.90E-05
6.71E+02	-6.15E-04
6.72E+02	-5.72E-04
6.73E+02	-1.49E-04
6.74E+02	2.26E-04
6.75E+02	3.62E-04
6.76E+02	1.22E-04
6.77E+02	-3.37E-04
6.78E+02	-5.44E-04
6.79E+02	-1.56E-04
6.80E+02	4.50E-04
6.81E+02	5.76E-04
6.82E+02	-3.56E-05
6.83E+02	-7.13E-04
6.84E+02	-6.13E-04
6.85E+02	1.99E-04
6.86E+02	7.98E-04
6.87E+02	5.65E-04
6.88E+02	-1.43E-04
6.89E+02	-5.62E-04
6.90E+02	-3.90E-04
6.91E+02	4.75E-05
6.92E+02	4.92E-04
6.93E+02	6.73E-04
6.94E+02	3.16E-04
6.95E+02	-3.21E-04
6.96E+02	-5.19E-04
6.97E+02	5.59E-05
6.98E+02	7.58E-04
6.99E+02	7.11E-04
7.00E+02	-2.84E-05
7.01E+02	-5.07E-04
7.02E+02	-1.84E-04
7.03E+02	5.61E-04
7.04E+02	8.46E-04

7.05E+02	4.41E-04
7.06E+02	-1.24E-04
7.07E+02	-3.47E-04
7.08E+02	-1.24E-04
7.09E+02	2.97E-04
7.10E+02	7.33E-04
7.11E+02	8.00E-04
7.12E+02	2.27E-04
7.13E+02	-4.76E-04
7.14E+02	-4.50E-04
7.15E+02	3.38E-04
7.16E+02	9.02E-04
7.17E+02	5.67E-04
7.18E+02	-1.33E-04
7.19E+02	-3.77E-04
7.20E+02	-2.94E-06
7.21E+02	4.88E-04
7.22E+02	5.49E-04
7.23E+02	2.13E-04
7.24E+02	-1.86E-04
7.25E+02	-3.26E-04
7.26E+02	-1.20E-04
7.27E+02	3.54E-04
7.28E+02	6.84E-04
7.29E+02	4.35E-04
7.30E+02	-3.12E-04
7.31E+02	-7.46E-04
7.32E+02	-2.99E-04
7.33E+02	4.85E-04
7.34E+02	6.37E-04
7.35E+02	1.23E-04
7.36E+02	-3.73E-04
7.37E+02	-4.18E-04
7.38E+02	-1.51E-04
7.39E+02	1.61E-04
7.40E+02	2.95E-04
7.41E+02	9.07E-05
7.42E+02	-3.35E-04
7.43E+02	-5.16E-04
7.44E+02	-1.75E-04
7.45E+02	3.71E-04
7.46E+02	4.57E-04
7.47E+02	-1.07E-04
7.48E+02	-7.06E-04
7.49E+02	-6.16E-04
7.50E+02	5.86E-05
7.51E+02	4.62E-04

7.52E+02	2.34E-04
7.53E+02	-1.82E-04
7.54E+02	-3.64E-04
7.55E+02	-4.02E-04
7.56E+02	-2.89E-04
7.57E+02	7.38E-05
7.58E+02	3.68E-04
7.59E+02	1.16E-04
7.60E+02	-4.84E-04
7.61E+02	-6.17E-04
7.62E+02	-2.53E-05
7.63E+02	4.80E-04
7.64E+02	2.04E-04
7.65E+02	-4.84E-04
7.66E+02	-6.54E-04
7.67E+02	-1.43E-04
7.68E+02	3.45E-04
7.69E+02	2.38E-04
7.70E+02	-1.26E-04
7.71E+02	-2.38E-04
7.72E+02	-2.43E-04
7.73E+02	-3.40E-04
7.74E+02	-2.48E-04
7.75E+02	2.60E-04
7.76E+02	4.81E-04
7.77E+02	-7.97E-05
7.78E+02	-7.20E-04
7.79E+02	-4.66E-04
7.80E+02	3.11E-04
7.81E+02	4.98E-04
7.82E+02	-1.02E-04
7.83E+02	-5.83E-04
7.84E+02	-3.00E-04
7.85E+02	2.41E-04
7.86E+02	3.10E-04
7.87E+02	-4.25E-05
7.88E+02	-1.88E-04
7.89E+02	-6.63E-05
7.90E+02	-9.94E-05
7.91E+02	-2.59E-04
7.92E+02	1.60E-05
7.93E+02	5.41E-04
7.94E+02	4.33E-04
7.95E+02	-3.52E-04
7.96E+02	-6.74E-04
7.97E+02	6.52E-06
7.98E+02	6.87E-04

7.99E+02	4.34E-04
8.00E+02	-2.33E-04
8.01E+02	-3.15E-04
8.02E+02	1.53E-04
8.03E+02	4.13E-04
8.04E+02	2.03E-04
8.05E+02	9.74E-06
8.06E+02	1.26E-04
8.07E+02	1.90E-04
8.08E+02	-1.29E-05
8.09E+02	-1.75E-05
8.10E+02	4.45E-04
8.11E+02	7.41E-04
8.12E+02	2.00E-04
8.13E+02	-4.92E-04
8.14E+02	-2.82E-04
8.15E+02	6.23E-04
8.16E+02	8.67E-04
8.17E+02	2.11E-04
8.18E+02	-2.56E-04
8.19E+02	1.47E-05
8.20E+02	3.54E-04
8.21E+02	2.98E-04
8.22E+02	1.52E-04
8.23E+02	2.50E-04
8.24E+02	3.22E-04
8.25E+02	6.16E-05
8.26E+02	-1.77E-04
8.27E+02	1.17E-04
8.28E+02	6.46E-04
8.29E+02	5.20E-04
8.30E+02	-2.44E-04
8.31E+02	-5.71E-04
8.32E+02	9.15E-05
8.33E+02	7.57E-04
8.34E+02	4.71E-04
8.35E+02	-2.05E-04
8.36E+02	-2.97E-04
8.37E+02	2.84E-05
8.38E+02	9.89E-05
8.39E+02	-1.94E-05
8.40E+02	1.36E-04
8.41E+02	3.31E-04
8.42E+02	4.93E-05
8.43E+02	-4.52E-04
8.44E+02	-4.03E-04
8.45E+02	2.51E-04

8.46E+02	5.53E-04
8.47E+02	3.67E-05
8.48E+02	-6.17E-04
8.49E+02	-4.89E-04
8.50E+02	2.31E-04
8.51E+02	4.84E-04
8.52E+02	-5.31E-06
8.53E+02	-3.96E-04
8.54E+02	-2.78E-04
8.55E+02	-1.35E-04
8.56E+02	-1.62E-04
8.57E+02	-1.31E-05
8.58E+02	2.92E-04
8.59E+02	1.97E-04
8.60E+02	-4.24E-04
8.61E+02	-7.50E-04
8.62E+02	-2.21E-04
8.63E+02	4.77E-04
8.64E+02	4.09E-04
8.65E+02	-2.78E-04
8.66E+02	-6.74E-04
8.67E+02	-3.08E-04
8.68E+02	2.10E-04
8.69E+02	2.34E-04
8.70E+02	-9.28E-05
8.71E+02	-2.52E-04
8.72E+02	-2.49E-04
8.73E+02	-2.94E-04
8.74E+02	-1.73E-04
8.75E+02	2.36E-04
8.76E+02	4.18E-04
8.77E+02	-1.03E-04
8.78E+02	-7.54E-04
8.79E+02	-6.37E-04
8.80E+02	1.72E-04
8.81E+02	6.35E-04
8.82E+02	2.28E-04
8.83E+02	-4.38E-04
8.84E+02	-5.73E-04
8.85E+02	-2.08E-04
8.86E+02	1.39E-04
8.87E+02	1.97E-04
8.88E+02	5.49E-05
8.89E+02	-1.11E-04
8.90E+02	-3.13E-04
8.91E+02	-3.72E-04
8.92E+02	-1.54E-05

8.93E+02	4.48E-04
8.94E+02	3.30E-04
8.95E+02	-3.42E-04
8.96E+02	-7.27E-04
8.97E+02	-2.34E-04
8.98E+02	5.18E-04
8.99E+02	6.18E-04
9.00E+02	3.46E-05
9.01E+02	-4.67E-04
9.02E+02	-4.21E-04
9.03E+02	-8.95E-06
9.04E+02	3.45E-04
9.05E+02	4.13E-04
9.06E+02	2.23E-04
9.07E+02	-7.70E-05
9.08E+02	-3.06E-04
9.09E+02	-1.60E-04
9.10E+02	3.55E-04
9.11E+02	6.45E-04
9.12E+02	2.96E-04
9.13E+02	-3.21E-04
9.14E+02	-3.86E-04
9.15E+02	2.14E-04
9.16E+02	7.50E-04
9.17E+02	6.29E-04
9.18E+02	1.62E-05
9.19E+02	-3.70E-04
9.20E+02	-1.86E-04
9.21E+02	3.15E-04
9.22E+02	6.66E-04
9.23E+02	6.07E-04
9.24E+02	2.09E-04
9.25E+02	-1.97E-04
9.26E+02	-2.47E-04
9.27E+02	1.44E-04
9.28E+02	6.13E-04
9.29E+02	6.62E-04
9.30E+02	1.97E-04
9.31E+02	-2.75E-04
9.32E+02	-2.05E-04
9.33E+02	3.24E-04
9.34E+02	6.75E-04
9.35E+02	4.43E-04
9.36E+02	-1.01E-04
9.37E+02	-3.70E-04
9.38E+02	-1.00E-04
9.39E+02	3.99E-04

9.40E+02	6.24E-04
9.41E+02	3.48E-04
9.42E+02	-1.68E-04
9.43E+02	-4.33E-04
9.44E+02	-2.14E-04
9.45E+02	2.72E-04
9.46E+02	5.41E-04
9.47E+02	3.06E-04
9.48E+02	-1.81E-04
9.49E+02	-4.21E-04
9.50E+02	-1.98E-04
9.51E+02	2.10E-04
9.52E+02	3.47E-04
9.53E+02	7.54E-05
9.54E+02	-2.85E-04
9.55E+02	-3.70E-04
9.56E+02	-1.07E-04
9.57E+02	2.44E-04
9.58E+02	2.93E-04
9.59E+02	-2.85E-05
9.60E+02	-4.37E-04
9.61E+02	-5.13E-04
9.62E+02	-1.41E-04
9.63E+02	3.43E-04
9.64E+02	3.56E-04
9.65E+02	-9.17E-05
9.66E+02	-4.88E-04
9.67E+02	-4.45E-04
9.68E+02	-8.93E-05
9.69E+02	1.63E-04
9.70E+02	1.30E-04
9.71E+02	-9.62E-05
9.72E+02	-2.73E-04
9.73E+02	-2.79E-04
9.74E+02	-1.30E-04
9.75E+02	8.23E-05
9.76E+02	1.27E-04
9.77E+02	-1.21E-04
9.78E+02	-4.47E-04
9.79E+02	-4.11E-04
9.80E+02	8.37E-05
9.81E+02	3.98E-04
9.82E+02	1.31E-04
9.83E+02	-4.24E-04
9.84E+02	-5.39E-04
9.85E+02	-1.59E-04
9.86E+02	1.78E-04

9.87E+02	1.35E-04
9.88E+02	-8.11E-05
9.89E+02	-1.51E-04
9.90E+02	-1.49E-04
9.91E+02	-1.86E-04
9.92E+02	-1.64E-04
9.93E+02	2.10E-05
9.94E+02	1.41E-04
9.95E+02	-9.57E-05
9.96E+02	-3.80E-04
9.97E+02	-2.45E-04
9.98E+02	2.48E-04
9.99E+02	3.43E-04
1.00E+03	-1.75E-04
1.00E+03	-5.59E-04
1.00E+03	-2.42E-04
1.00E+03	2.72E-04
1.00E+03	3.04E-04
1.01E+03	-4.28E-05
1.01E+03	-1.84E-04
1.01E+03	-2.49E-05
1.01E+03	1.45E-05
1.01E+03	-1.27E-04
1.01E+03	-7.30E-05
1.01E+03	2.22E-04
1.01E+03	3.00E-04
1.01E+03	-3.96E-05
1.01E+03	-3.05E-04
1.02E+03	4.84E-05
1.02E+03	5.16E-04
1.02E+03	2.95E-04
1.02E+03	-3.28E-04
1.02E+03	-3.00E-04
1.02E+03	3.45E-04
1.02E+03	6.42E-04
1.02E+03	2.19E-04
1.02E+03	-2.01E-04
1.02E+03	-2.26E-05
1.03E+03	3.37E-04
1.03E+03	2.43E-04
1.03E+03	1.31E-05
1.03E+03	1.74E-04
1.03E+03	4.90E-04
1.03E+03	3.56E-04
1.03E+03	-1.21E-04
1.03E+03	-1.32E-04
1.03E+03	4.43E-04

1.03E+03	6.87E-04
1.04E+03	7.78E-05
1.04E+03	-4.15E-04
1.04E+03	9.14E-05
1.04E+03	7.94E-04
1.04E+03	5.99E-04
1.04E+03	-1.66E-04
1.04E+03	-2.99E-04
1.04E+03	2.37E-04
1.04E+03	4.51E-04
1.04E+03	1.14E-04
1.05E+03	-2.42E-05
1.05E+03	3.23E-04
1.05E+03	4.44E-04
1.05E+03	-3.33E-05
1.05E+03	-4.26E-04
1.05E+03	-2.44E-05
1.05E+03	6.47E-04
1.05E+03	4.66E-04
1.05E+03	-3.90E-04
1.05E+03	-5.20E-04
1.06E+03	2.91E-04
1.06E+03	6.83E-04
1.06E+03	1.73E-05
1.06E+03	-5.79E-04
1.06E+03	-2.20E-04
1.06E+03	3.56E-04
1.06E+03	1.87E-04
1.06E+03	-2.86E-04
1.06E+03	-1.17E-04
1.06E+03	3.01E-04
1.07E+03	9.89E-05
1.07E+03	-5.09E-04
1.07E+03	-5.34E-04
1.07E+03	2.02E-04
1.07E+03	6.18E-04
1.07E+03	-2.33E-05
1.07E+03	-7.30E-04
1.07E+03	-3.86E-04
1.07E+03	4.02E-04
1.07E+03	3.08E-04
1.08E+03	-4.72E-04
1.08E+03	-5.71E-04
1.08E+03	1.54E-04
1.08E+03	4.10E-04
1.08E+03	-2.18E-04
1.08E+03	-5.17E-04

1.08E+03	1.44E-05
1.08E+03	3.38E-04
1.08E+03	-1.73E-04
1.08E+03	-6.97E-04
1.09E+03	-2.66E-04
1.09E+03	5.24E-04
1.09E+03	4.27E-04
1.09E+03	-4.55E-04
1.09E+03	-7.52E-04
1.09E+03	-3.84E-05
1.09E+03	4.83E-04
1.09E+03	-2.55E-05
1.09E+03	-6.15E-04
1.09E+03	-2.37E-04
1.10E+03	4.49E-04
1.10E+03	2.03E-04
1.10E+03	-5.51E-04
1.10E+03	-4.83E-04
1.10E+03	2.74E-04
1.10E+03	3.42E-04
1.10E+03	-3.84E-04
1.10E+03	-6.15E-04
1.10E+03	9.36E-05
1.10E+03	5.79E-04
1.11E+03	6.00E-05
1.11E+03	-6.60E-04
1.11E+03	-4.86E-04
1.11E+03	2.78E-04
1.11E+03	3.94E-04
1.11E+03	-2.22E-04
1.11E+03	-4.29E-04
1.11E+03	1.72E-04
1.11E+03	4.68E-04
1.11E+03	-1.28E-04
1.12E+03	-6.31E-04
1.12E+03	-1.20E-04
1.12E+03	5.65E-04
1.12E+03	3.08E-04
1.12E+03	-3.88E-04
1.12E+03	-3.02E-04
1.12E+03	3.88E-04
1.12E+03	4.88E-04
1.12E+03	-1.42E-04
1.12E+03	-4.39E-04
1.13E+03	5.68E-05
1.13E+03	5.43E-04
1.13E+03	2.81E-04

1.13E+03	-1.97E-04
1.13E+03	-3.43E-05
1.13E+03	4.63E-04
1.13E+03	3.91E-04
1.13E+03	-1.96E-04
1.13E+03	-2.64E-04
1.13E+03	3.65E-04
1.14E+03	6.89E-04
1.14E+03	2.08E-04
1.14E+03	-2.06E-04
1.14E+03	1.01E-04
1.14E+03	5.12E-04
1.14E+03	2.80E-04
1.14E+03	-1.40E-04
1.14E+03	-1.48E-05
1.14E+03	4.51E-04
1.14E+03	5.13E-04
1.15E+03	1.06E-04
1.15E+03	-6.28E-05
1.15E+03	2.19E-04
1.15E+03	3.93E-04
1.15E+03	8.35E-05
1.15E+03	-1.70E-04
1.15E+03	1.27E-04
1.15E+03	5.73E-04
1.15E+03	4.05E-04
1.15E+03	-1.37E-04
1.16E+03	-2.00E-04
1.16E+03	2.09E-04
1.16E+03	3.37E-04
1.16E+03	1.43E-05
1.16E+03	-1.41E-04
1.16E+03	1.19E-04
1.16E+03	3.28E-04
1.16E+03	1.02E-04
1.16E+03	-1.60E-04
1.16E+03	-7.05E-05
1.17E+03	1.34E-04
1.17E+03	4.93E-05
1.17E+03	-1.75E-04
1.17E+03	-1.18E-04
1.17E+03	2.08E-04
1.17E+03	2.44E-04
1.17E+03	-1.33E-04
1.17E+03	-3.45E-04
1.17E+03	-1.38E-04
1.17E+03	1.22E-04

1.18E+03	2.47E-05
1.18E+03	-1.85E-04
1.18E+03	-1.33E-04
1.18E+03	6.71E-05
1.18E+03	2.96E-05
1.18E+03	-1.88E-04
1.18E+03	-2.22E-04
1.18E+03	-7.84E-05
1.18E+03	-5.12E-05
1.18E+03	-1.66E-04
1.19E+03	-1.45E-04
1.19E+03	4.03E-05
1.19E+03	1.30E-04
1.19E+03	-1.02E-04
1.19E+03	-3.69E-04
1.19E+03	-3.18E-04
1.19E+03	-1.29E-05
1.19E+03	1.36E-04
1.19E+03	1.99E-05
1.19E+03	-1.50E-04
1.20E+03	-2.00E-04
1.20E+03	-1.51E-04
1.20E+03	-8.55E-05
1.20E+03	-3.12E-05
1.20E+03	-1.78E-05
1.20E+03	-1.15E-04
1.20E+03	-2.23E-04
1.20E+03	-1.38E-04
1.20E+03	4.36E-05
1.20E+03	9.32E-05
1.21E+03	-3.53E-05
1.21E+03	-2.45E-04
1.21E+03	-2.93E-04
1.21E+03	-1.68E-04
1.21E+03	2.41E-05
1.21E+03	1.52E-04
1.21E+03	7.56E-05
1.21E+03	-1.34E-04
1.21E+03	-3.09E-04
1.21E+03	-2.39E-04
1.22E+03	4.53E-05
1.22E+03	1.87E-04
1.22E+03	2.06E-05
1.22E+03	-2.25E-04
1.22E+03	-1.82E-04
1.22E+03	4.37E-05
1.22E+03	1.28E-04

1.22E+03	5.66E-06
1.22E+03	-8.57E-05
1.22E+03	-7.65E-05
1.23E+03	-7.78E-05
1.23E+03	-5.56E-05
1.23E+03	1.36E-04
1.23E+03	3.31E-04
1.23E+03	1.95E-04
1.23E+03	-2.11E-04
1.23E+03	-3.45E-04
1.23E+03	3.48E-05
1.23E+03	4.81E-04
1.23E+03	4.25E-04
1.24E+03	-3.00E-05
1.24E+03	-1.93E-04
1.24E+03	1.14E-04
1.24E+03	3.03E-04
1.24E+03	1.58E-04
1.24E+03	6.95E-05
1.24E+03	2.50E-04
1.24E+03	2.95E-04
1.24E+03	2.05E-05
1.24E+03	-8.62E-05
1.25E+03	2.96E-04
1.25E+03	6.31E-04
1.25E+03	3.30E-04
1.25E+03	-2.55E-04
1.25E+03	-2.31E-04
1.25E+03	3.83E-04
1.25E+03	7.11E-04
1.25E+03	3.10E-04
1.25E+03	-1.54E-04
1.25E+03	-5.03E-06
1.26E+03	3.75E-04
1.26E+03	2.84E-04
1.26E+03	-4.20E-05
1.26E+03	9.06E-05
1.26E+03	4.80E-04
1.26E+03	3.38E-04
1.26E+03	-1.96E-04
1.26E+03	-2.26E-04
1.26E+03	3.58E-04
1.26E+03	6.14E-04
1.27E+03	4.41E-05
1.27E+03	-4.73E-04
1.27E+03	-9.48E-05
1.27E+03	5.41E-04

1.27E+03	4.50E-04
1.27E+03	-2.15E-04
1.27E+03	-4.10E-04
1.27E+03	7.58E-05
1.27E+03	3.81E-04
1.27E+03	2.71E-06
1.28E+03	-3.23E-04
1.28E+03	7.75E-06
1.28E+03	3.70E-04
1.28E+03	2.56E-05
1.28E+03	-5.14E-04
1.28E+03	-2.86E-04
1.28E+03	3.79E-04
1.28E+03	3.84E-04
1.28E+03	-3.16E-04
1.28E+03	-6.04E-04
1.29E+03	-3.55E-05
1.29E+03	4.42E-04
1.29E+03	8.98E-05
1.29E+03	-4.66E-04
1.29E+03	-3.87E-04
1.29E+03	1.38E-04
1.29E+03	2.02E-04
1.29E+03	-2.32E-04
1.29E+03	-3.50E-04
1.29E+03	6.36E-05
1.30E+03	2.34E-04
1.30E+03	-2.42E-04
1.30E+03	-5.49E-04
1.30E+03	-1.22E-04
1.30E+03	4.04E-04
1.30E+03	1.52E-04
1.30E+03	-4.52E-04
1.30E+03	-4.60E-04
1.30E+03	9.47E-05
1.30E+03	2.76E-04
1.31E+03	-1.78E-04
1.31E+03	-4.59E-04
1.31E+03	-1.13E-04
1.31E+03	2.63E-04
1.31E+03	6.36E-05
1.31E+03	-3.50E-04
1.31E+03	-3.11E-04
1.31E+03	7.29E-05
1.31E+03	1.17E-04
1.31E+03	-2.56E-04
1.32E+03	-3.31E-04

1.32E+03	9.77E-05
1.32E+03	2.87E-04
1.32E+03	-1.14E-04
1.32E+03	-4.85E-04
1.32E+03	-2.27E-04
1.32E+03	2.45E-04
1.32E+03	1.87E-04
1.32E+03	-2.44E-04
1.32E+03	-3.36E-04
1.33E+03	4.61E-05
1.33E+03	2.40E-04
1.33E+03	-1.14E-05
1.33E+03	-2.55E-04
1.33E+03	-1.34E-04
1.33E+03	1.06E-04
1.33E+03	3.77E-05
1.33E+03	-1.33E-04
1.33E+03	1.26E-05
1.33E+03	2.81E-04
1.34E+03	1.63E-04
1.34E+03	-2.40E-04
1.34E+03	-3.26E-04
1.34E+03	1.20E-04
1.34E+03	4.74E-04
1.34E+03	2.31E-04
1.34E+03	-1.81E-04
1.34E+03	-1.07E-04
1.34E+03	2.63E-04
1.34E+03	3.01E-04
1.35E+03	3.25E-05
1.35E+03	-5.43E-05
1.35E+03	1.81E-04
1.35E+03	3.02E-04
1.35E+03	1.52E-04
1.35E+03	3.87E-05
1.35E+03	2.70E-04
1.35E+03	3.98E-04
1.35E+03	1.35E-04
1.35E+03	-1.70E-04
1.36E+03	-4.06E-05
1.36E+03	4.48E-04
1.36E+03	6.29E-04
1.36E+03	2.50E-04
1.36E+03	-1.47E-04
1.36E+03	-3.43E-05
1.36E+03	3.11E-04
1.36E+03	3.20E-04

1.36E+03	1.32E-04
1.36E+03	1.36E-04
1.37E+03	2.61E-04
1.37E+03	2.24E-04
1.37E+03	2.27E-05
1.37E+03	5.68E-05
1.37E+03	3.06E-04
1.37E+03	3.28E-04
1.37E+03	-2.59E-05
1.37E+03	-2.63E-04
1.37E+03	-3.36E-06
1.37E+03	4.74E-04
1.38E+03	5.04E-04
1.38E+03	6.68E-06
1.38E+03	-3.74E-04
1.38E+03	-2.03E-04
1.38E+03	1.60E-04
1.38E+03	2.15E-04
1.38E+03	7.11E-05
1.38E+03	5.29E-05
1.38E+03	8.55E-05
1.38E+03	-7.07E-05
1.39E+03	-2.44E-04
1.39E+03	-1.37E-04
1.39E+03	1.53E-04
1.39E+03	1.89E-04
1.39E+03	-1.23E-04
1.39E+03	-3.30E-04
1.39E+03	-1.39E-04
1.39E+03	2.18E-04
1.39E+03	2.46E-04
1.39E+03	-1.72E-04
1.40E+03	-4.87E-04
1.40E+03	-2.88E-04
1.40E+03	9.74E-05
1.40E+03	1.57E-04
1.40E+03	2.63E-05
1.40E+03	-6.26E-05
1.40E+03	-1.39E-04
1.40E+03	-2.48E-04
1.40E+03	-3.05E-04
1.40E+03	-1.17E-04
1.41E+03	1.61E-04
1.41E+03	1.50E-04
1.41E+03	-1.50E-04
1.41E+03	-3.44E-04
1.41E+03	-1.83E-04

1.41E+03	1.14E-04
1.41E+03	1.47E-04
1.41E+03	-2.30E-04
1.41E+03	-4.40E-04
1.41E+03	-1.93E-04
1.42E+03	1.76E-04
1.42E+03	2.07E-04
1.42E+03	-9.22E-06
1.42E+03	-2.07E-04
1.42E+03	-3.03E-04
1.42E+03	-2.88E-04
1.42E+03	-1.52E-04
1.42E+03	9.74E-05
1.42E+03	2.54E-04
1.42E+03	7.21E-05
1.43E+03	-2.73E-04
1.43E+03	-4.01E-04
1.43E+03	-1.84E-04
1.43E+03	1.57E-04
1.43E+03	2.10E-04
1.43E+03	-1.20E-04
1.43E+03	-3.40E-04
1.43E+03	-1.63E-04
1.43E+03	1.55E-04
1.43E+03	2.02E-04
1.44E+03	1.08E-05
1.44E+03	-2.22E-04
1.44E+03	-2.95E-04
1.44E+03	-1.57E-04
1.44E+03	1.14E-04
1.44E+03	2.93E-04
1.44E+03	2.36E-04
1.44E+03	-3.57E-06
1.44E+03	-2.21E-04
1.44E+03	-2.58E-04
1.45E+03	-6.18E-05
1.45E+03	2.73E-04
1.45E+03	3.86E-04
1.45E+03	1.40E-04
1.45E+03	-1.47E-04
1.45E+03	-9.39E-05
1.45E+03	1.78E-04
1.45E+03	3.41E-04
1.45E+03	1.84E-04
1.45E+03	-8.07E-05
1.46E+03	-9.94E-05
1.46E+03	1.96E-04

1.46E+03	4.69E-04
1.46E+03	3.92E-04
1.46E+03	1.20E-04
1.46E+03	-3.51E-05
1.46E+03	-1.13E-05
1.46E+03	6.17E-05
1.46E+03	2.08E-04
1.46E+03	4.71E-04
1.47E+03	5.13E-04
1.47E+03	1.42E-04
1.47E+03	-2.34E-04
1.47E+03	-7.40E-05
1.47E+03	4.13E-04
1.47E+03	5.53E-04
1.47E+03	1.73E-04
1.47E+03	-2.03E-04
1.47E+03	-1.64E-05
1.47E+03	4.39E-04
1.48E+03	5.08E-04
1.48E+03	1.39E-04
1.48E+03	-1.43E-04
1.48E+03	-2.20E-05
1.48E+03	1.02E-04
1.48E+03	3.76E-05
1.48E+03	1.39E-04
1.48E+03	4.72E-04
1.48E+03	4.20E-04
1.48E+03	-2.26E-04
1.49E+03	-6.04E-04
1.49E+03	-1.13E-04
1.49E+03	5.78E-04
1.49E+03	4.86E-04
1.49E+03	-2.08E-04
1.49E+03	-4.71E-04
1.49E+03	-4.23E-06
1.49E+03	3.70E-04
1.49E+03	1.11E-04
1.49E+03	-3.10E-04
1.50E+03	-2.14E-04
1.50E+03	9.18E-05
1.50E+03	-1.55E-05
1.50E+03	-2.59E-04
1.50E+03	3.10E-05
1.50E+03	4.46E-04
1.50E+03	5.45E-05
1.50E+03	-7.62E-04
1.50E+03	-7.01E-04

1.50E+03	2.87E-04
1.51E+03	7.75E-04
1.51E+03	5.72E-05
1.51E+03	-7.47E-04
1.51E+03	-4.94E-04
1.51E+03	2.58E-04
1.51E+03	2.99E-04
1.51E+03	-2.80E-04
1.51E+03	-4.02E-04
1.51E+03	6.22E-05
1.51E+03	1.91E-04
1.52E+03	-2.92E-04
1.52E+03	-4.16E-04
1.52E+03	2.28E-04
1.52E+03	5.24E-04
1.52E+03	-3.05E-04
1.52E+03	-1.02E-03
1.52E+03	-3.58E-04
1.52E+03	7.93E-04
1.52E+03	6.89E-04
1.52E+03	-4.61E-04
1.53E+03	-8.95E-04
1.53E+03	-1.25E-04
1.53E+03	4.25E-04
1.53E+03	7.01E-06
1.53E+03	-4.19E-04
1.53E+03	-6.67E-05
1.53E+03	3.58E-04
1.53E+03	-3.81E-05
1.53E+03	-6.39E-04
1.53E+03	-2.93E-04
1.54E+03	5.69E-04
1.54E+03	4.01E-04
1.54E+03	-6.66E-04
1.54E+03	-8.63E-04
1.54E+03	2.79E-04
1.54E+03	9.87E-04
1.54E+03	1.10E-04
1.54E+03	-9.22E-04
1.54E+03	-5.75E-04
1.54E+03	4.54E-04
1.55E+03	4.80E-04
1.55E+03	-2.54E-04
1.55E+03	-3.49E-04
1.55E+03	2.85E-04
1.55E+03	3.83E-04
1.55E+03	-3.02E-04

1.55E+03	-5.53E-04
1.55E+03	2.02E-04
1.55E+03	7.85E-04
1.55E+03	1.32E-04
1.56E+03	-7.27E-04
1.56E+03	-2.99E-04
1.56E+03	7.99E-04
1.56E+03	7.98E-04
1.56E+03	-3.09E-04
1.56E+03	-7.43E-04
1.56E+03	1.26E-04
1.56E+03	8.05E-04
1.56E+03	3.36E-04
1.56E+03	-2.27E-04
1.57E+03	8.67E-05
1.57E+03	5.12E-04
1.57E+03	1.63E-04
1.57E+03	-3.86E-04
1.57E+03	-2.95E-05
1.57E+03	7.87E-04
1.57E+03	7.37E-04
1.57E+03	-1.84E-04
1.57E+03	-5.52E-04
1.57E+03	2.32E-04
1.58E+03	9.26E-04
1.58E+03	4.29E-04
1.58E+03	-4.25E-04
1.58E+03	-2.85E-04
1.58E+03	5.36E-04
1.58E+03	6.86E-04
1.58E+03	8.25E-05
1.58E+03	-1.46E-04
1.58E+03	2.06E-04
1.58E+03	2.92E-04
1.59E+03	-9.78E-05
1.59E+03	-1.63E-04
1.59E+03	3.75E-04
1.59E+03	6.72E-04
1.59E+03	1.44E-04
1.59E+03	-5.08E-04
1.59E+03	-3.17E-04
1.59E+03	4.15E-04
1.59E+03	5.91E-04
1.59E+03	5.63E-06
1.60E+03	-4.19E-04
1.60E+03	-1.33E-04
1.60E+03	3.03E-04

1.60E+03	2.16E-04
1.60E+03	-8.47E-05
1.60E+03	-9.32E-05
1.60E+03	1.60E-06
1.60E+03	-1.42E-04
1.60E+03	-2.59E-04
1.60E+03	4.05E-05
1.61E+03	3.99E-04
1.61E+03	2.07E-04
1.61E+03	-3.60E-04
1.61E+03	-6.03E-04
1.61E+03	-2.03E-04
1.61E+03	2.89E-04
1.61E+03	3.08E-04
1.61E+03	-6.15E-05
1.61E+03	-3.35E-04
1.61E+03	-2.64E-04
1.62E+03	-6.34E-05
1.62E+03	1.03E-05
1.62E+03	-1.13E-05
1.62E+03	-3.89E-05
1.62E+03	-1.53E-04
1.62E+03	-2.48E-04
1.62E+03	-1.36E-04
1.62E+03	9.11E-05
1.62E+03	1.61E-04
1.62E+03	-7.42E-05
1.63E+03	-3.48E-04
1.63E+03	-3.68E-04
1.63E+03	-1.06E-04
1.63E+03	1.97E-04
1.63E+03	2.22E-04
1.63E+03	-6.11E-05
1.63E+03	-3.54E-04
1.63E+03	-3.54E-04
1.63E+03	-8.17E-05
1.63E+03	1.01E-04
1.64E+03	5.83E-05
1.64E+03	-9.39E-05
1.64E+03	-1.80E-04
1.64E+03	-1.29E-04
1.64E+03	-5.88E-05
1.64E+03	-1.22E-05
1.64E+03	-1.22E-05
1.64E+03	-9.85E-05
1.64E+03	-2.22E-04
1.64E+03	-1.95E-04

1.65E+03	1.82E-05
1.65E+03	2.39E-04
1.65E+03	1.34E-04
1.65E+03	-2.35E-04
1.65E+03	-3.94E-04
1.65E+03	-1.33E-04
1.65E+03	1.59E-04
1.65E+03	1.32E-04
1.65E+03	-7.42E-06
1.65E+03	-2.42E-05
1.66E+03	1.57E-05
1.66E+03	-5.35E-05
1.66E+03	-1.61E-04
1.66E+03	-3.89E-05
1.66E+03	2.16E-04
1.66E+03	1.84E-04
1.66E+03	-1.03E-04
1.66E+03	-1.61E-04
1.66E+03	1.55E-04
1.66E+03	3.62E-04
1.67E+03	1.42E-04
1.67E+03	-1.91E-04
1.67E+03	-1.23E-04
1.67E+03	2.22E-04
1.67E+03	3.01E-04
1.67E+03	1.39E-04
1.67E+03	1.47E-04
1.67E+03	2.69E-04
1.67E+03	1.56E-04
1.67E+03	-1.28E-04
1.68E+03	-1.12E-04
1.68E+03	3.27E-04
1.68E+03	5.94E-04
1.68E+03	2.86E-04
1.68E+03	-9.92E-05
1.68E+03	-4.47E-06
1.68E+03	3.09E-04
1.68E+03	3.06E-04
1.68E+03	5.41E-05
1.68E+03	7.48E-05
1.69E+03	3.61E-04
1.69E+03	3.72E-04
1.69E+03	2.00E-05
1.69E+03	-7.44E-05
1.69E+03	2.94E-04
1.69E+03	4.84E-04
1.69E+03	1.26E-04

1.69E+03	-2.77E-04
1.69E+03	-7.90E-05
1.69E+03	4.05E-04
1.70E+03	4.88E-04
1.70E+03	1.04E-04
1.70E+03	-1.19E-04
1.70E+03	-1.40E-05
1.70E+03	3.57E-05
1.70E+03	-5.77E-05
1.70E+03	4.03E-05
1.70E+03	3.40E-04
1.70E+03	3.47E-04
1.70E+03	-1.29E-04
1.71E+03	-4.46E-04
1.71E+03	-1.22E-04
1.71E+03	3.31E-04
1.71E+03	2.45E-04
1.71E+03	-1.79E-04
1.71E+03	-2.79E-04
1.71E+03	1.64E-05
1.71E+03	1.44E-04
1.71E+03	-1.90E-05
1.71E+03	-1.16E-04
1.72E+03	6.82E-06
1.72E+03	-5.29E-05
1.72E+03	-3.04E-04
1.72E+03	-3.05E-04
1.72E+03	1.57E-04
1.72E+03	4.34E-04
1.72E+03	2.15E-05
1.72E+03	-5.25E-04
1.72E+03	-4.88E-04
1.72E+03	2.69E-05
1.73E+03	2.51E-04
1.73E+03	3.76E-05
1.73E+03	-1.52E-04
1.73E+03	-1.16E-04
1.73E+03	-1.43E-04
1.73E+03	-2.47E-04
1.73E+03	-1.30E-04
1.73E+03	1.46E-04
1.73E+03	1.23E-04
1.73E+03	-2.62E-04
1.74E+03	-4.44E-04
1.74E+03	-5.77E-05
1.74E+03	3.58E-04
1.74E+03	1.17E-04

1.74E+03	-3.96E-04
1.74E+03	-4.04E-04
1.74E+03	1.91E-05
1.74E+03	1.46E-04
1.74E+03	-1.19E-04
1.74E+03	-1.65E-04
1.75E+03	1.02E-04
1.75E+03	1.04E-04
1.75E+03	-3.09E-04
1.75E+03	-4.32E-04
1.75E+03	1.75E-05
1.75E+03	3.34E-04
1.75E+03	2.65E-05
1.75E+03	-4.05E-04
1.75E+03	-2.33E-04
1.75E+03	2.46E-04
1.76E+03	1.99E-04
1.76E+03	-3.04E-04
1.76E+03	-4.33E-04
1.76E+03	7.77E-05
1.76E+03	3.43E-04
1.76E+03	-1.20E-05
1.76E+03	-3.07E-04
1.76E+03	-9.35E-07
1.76E+03	2.56E-04
1.76E+03	-6.79E-05
1.77E+03	-3.97E-04
1.77E+03	-1.46E-05
1.77E+03	4.99E-04
1.77E+03	2.49E-04
1.77E+03	-3.54E-04
1.77E+03	-3.26E-04
1.77E+03	3.54E-04
1.77E+03	5.63E-04
1.77E+03	-4.16E-05
1.77E+03	-4.71E-04
1.78E+03	-1.97E-06
1.78E+03	6.28E-04
1.78E+03	4.25E-04
1.78E+03	-2.09E-04
1.78E+03	-2.19E-04
1.78E+03	3.46E-04
1.78E+03	4.32E-04
1.78E+03	-5.23E-05
1.78E+03	-1.38E-04
1.78E+03	4.17E-04
1.79E+03	5.62E-04

1.79E+03	5.04E-06
1.79E+03	-2.99E-04
1.79E+03	2.12E-04
1.79E+03	7.16E-04
1.79E+03	3.29E-04
1.79E+03	-3.49E-04
1.79E+03	-2.18E-04
1.79E+03	5.42E-04
1.79E+03	7.61E-04
1.80E+03	1.36E-04
1.80E+03	-3.52E-04
1.80E+03	-4.38E-05
1.80E+03	4.04E-04
1.80E+03	2.68E-04
1.80E+03	-2.61E-05
1.80E+03	2.20E-04
1.80E+03	4.80E-04
1.80E+03	5.03E-05
1.80E+03	-4.45E-04
1.81E+03	-1.26E-04
1.81E+03	5.81E-04
1.81E+03	5.80E-04
1.81E+03	-1.68E-04
1.81E+03	-5.22E-04
1.81E+03	-1.35E-05
1.81E+03	5.21E-04
1.81E+03	3.19E-04
1.81E+03	-2.27E-04
1.81E+03	-3.16E-04
1.82E+03	2.07E-05
1.82E+03	1.61E-04
1.82E+03	-3.27E-05
1.82E+03	-3.13E-05
1.82E+03	1.72E-04
1.82E+03	4.13E-05
1.82E+03	-4.14E-04
1.82E+03	-3.97E-04
1.82E+03	1.91E-04
1.82E+03	4.27E-04
1.83E+03	-3.65E-05
1.83E+03	-4.83E-04
1.83E+03	-3.02E-04
1.83E+03	1.30E-04
1.83E+03	1.51E-04
1.83E+03	-1.20E-04
1.83E+03	-2.22E-04
1.83E+03	-1.31E-04

1.83E+03	-7.25E-05
1.83E+03	-8.71E-05
1.84E+03	-2.94E-05
1.84E+03	1.18E-04
1.84E+03	2.67E-05
1.84E+03	-3.83E-04
1.84E+03	-5.01E-04
1.84E+03	7.98E-06
1.84E+03	4.55E-04
1.84E+03	1.53E-04
1.84E+03	-3.95E-04
1.84E+03	-4.37E-04
1.85E+03	-3.19E-05
1.85E+03	9.19E-05
1.85E+03	-7.03E-05
1.85E+03	-1.14E-04
1.85E+03	1.04E-05
1.85E+03	-2.75E-05
1.85E+03	-1.80E-04
1.85E+03	-1.79E-04
1.85E+03	-2.10E-05
1.85E+03	4.85E-05
1.86E+03	-1.14E-04
1.86E+03	-2.61E-04
1.86E+03	-8.93E-05
1.86E+03	1.85E-04
1.86E+03	4.83E-05
1.86E+03	-2.73E-04
1.86E+03	-2.21E-04
1.86E+03	1.03E-04
1.86E+03	1.07E-04
1.86E+03	-2.19E-04
1.87E+03	-2.56E-04
1.87E+03	1.17E-04
1.87E+03	2.78E-04
1.87E+03	-3.63E-05
1.87E+03	-2.67E-04
1.87E+03	-1.31E-04
1.87E+03	7.69E-05
1.87E+03	5.51E-05
1.87E+03	-5.77E-05
1.87E+03	2.46E-05
1.88E+03	2.09E-04
1.88E+03	1.45E-04
1.88E+03	-1.60E-04
1.88E+03	-2.28E-04
1.88E+03	1.23E-04

1.88E+03	3.69E-04
1.88E+03	1.35E-04
1.88E+03	-1.46E-04
1.88E+03	1.28E-05
1.88E+03	3.08E-04
1.89E+03	2.39E-04
1.89E+03	2.65E-05
1.89E+03	4.69E-05
1.89E+03	1.37E-04
1.89E+03	7.56E-05
1.89E+03	7.27E-05
1.89E+03	3.15E-04
1.89E+03	4.97E-04
1.89E+03	2.66E-04
1.89E+03	-1.79E-04
1.90E+03	-2.78E-04
1.90E+03	1.82E-04
1.90E+03	6.37E-04
1.90E+03	5.06E-04
1.90E+03	1.04E-05
1.90E+03	-1.24E-04
1.90E+03	1.43E-04
1.90E+03	2.94E-04
1.90E+03	1.86E-04
1.90E+03	1.80E-04
1.91E+03	2.57E-04
1.91E+03	1.18E-04
1.91E+03	-8.07E-05
1.91E+03	8.79E-05
1.91E+03	4.51E-04
1.91E+03	4.10E-04
1.91E+03	-4.11E-05
1.91E+03	-3.26E-04
1.91E+03	-9.87E-05
1.91E+03	3.38E-04
1.92E+03	4.23E-04
1.92E+03	1.43E-04
1.92E+03	-8.68E-05
1.92E+03	-7.28E-05
1.92E+03	-2.68E-05
1.92E+03	-7.85E-05
1.92E+03	-6.47E-06
1.92E+03	2.26E-04
1.92E+03	1.85E-04
1.92E+03	-1.73E-04
1.93E+03	-2.85E-04
1.93E+03	1.00E-04

1.93E+03	3.02E-04
1.93E+03	-7.44E-05
1.93E+03	-4.86E-04
1.93E+03	-3.00E-04
1.93E+03	2.30E-04
1.93E+03	3.93E-04
1.93E+03	2.54E-05
1.93E+03	-3.35E-04
1.94E+03	-3.35E-04
1.94E+03	-1.35E-04
1.94E+03	-1.62E-05
1.94E+03	1.24E-05
1.94E+03	8.49E-05
1.94E+03	4.86E-05
1.94E+03	-2.13E-04
1.94E+03	-3.78E-04
1.94E+03	-8.07E-05
1.94E+03	2.52E-04
1.95E+03	4.07E-05
1.95E+03	-4.22E-04
1.95E+03	-4.03E-04
1.95E+03	9.95E-05
1.95E+03	3.71E-04
1.95E+03	6.38E-05
1.95E+03	-3.21E-04
1.95E+03	-3.66E-04
1.95E+03	-1.73E-04
1.95E+03	-4.02E-05
1.96E+03	4.40E-05
1.96E+03	1.12E-04
1.96E+03	8.66E-05
1.96E+03	-1.77E-04
1.96E+03	-4.17E-04
1.96E+03	-2.13E-04
1.96E+03	2.31E-04
1.96E+03	2.25E-04
1.96E+03	-2.94E-04
1.96E+03	-5.19E-04
1.97E+03	-4.43E-05
1.97E+03	4.65E-04
1.97E+03	2.81E-04
1.97E+03	-3.10E-04
1.97E+03	-5.64E-04
1.97E+03	-3.18E-04
1.97E+03	9.86E-05
1.97E+03	3.22E-04
1.97E+03	3.14E-04

1.97E+03	2.49E-05
1.98E+03	-3.77E-04
1.98E+03	-5.31E-04
1.98E+03	-1.24E-04
1.98E+03	4.60E-04
1.98E+03	4.99E-04
1.98E+03	-1.24E-04
1.98E+03	-6.21E-04
1.98E+03	-2.70E-04
1.98E+03	4.75E-04
1.98E+03	6.47E-04
1.99E+03	4.95E-05
1.99E+03	-5.06E-04
1.99E+03	-4.33E-04
1.99E+03	4.62E-05
1.99E+03	4.91E-04
1.99E+03	6.30E-04
1.99E+03	3.34E-04
1.99E+03	-2.43E-04
1.99E+03	-6.18E-04
1.99E+03	-2.68E-04
2.00E+03	5.82E-04
2.00E+03	9.82E-04
2.00E+03	3.96E-04
2.00E+03	-4.52E-04
2.00E+03	-5.52E-04
2.00E+03	1.94E-04
2.00E+03	8.44E-04
2.00E+03	6.43E-04
2.00E+03	-5.37E-05
2.00E+03	-4.41E-04
2.01E+03	-1.92E-04
2.01E+03	3.86E-04
2.01E+03	8.45E-04
2.01E+03	7.16E-04
2.01E+03	-9.60E-06
2.01E+03	-6.85E-04
2.01E+03	-5.11E-04
2.01E+03	4.11E-04
2.01E+03	1.11E-03
2.01E+03	7.64E-04
2.02E+03	-2.11E-04
2.02E+03	-6.85E-04
2.02E+03	-2.55E-04
2.02E+03	4.56E-04
2.02E+03	6.84E-04
2.02E+03	3.56E-04

2.02E+03	-1.60E-04
2.02E+03	-4.13E-04
2.02E+03	-1.88E-04
2.02E+03	3.84E-04
2.03E+03	7.20E-04
2.03E+03	2.96E-04
2.03E+03	-5.83E-04
2.03E+03	-8.24E-04
2.03E+03	-4.14E-05
2.03E+03	8.27E-04
2.03E+03	7.76E-04
2.03E+03	-8.81E-05
2.03E+03	-7.59E-04
2.03E+03	-6.08E-04
2.04E+03	1.64E-05
2.04E+03	4.14E-04
2.04E+03	4.29E-04
2.04E+03	9.41E-05
2.04E+03	-4.22E-04
2.04E+03	-6.51E-04
2.04E+03	-1.93E-04
2.04E+03	5.37E-04
2.04E+03	5.92E-04
2.04E+03	-3.05E-04
2.05E+03	-1.04E-03
2.05E+03	-5.09E-04
2.05E+03	6.24E-04
2.05E+03	8.52E-04
2.05E+03	-1.29E-05
2.05E+03	-8.08E-04
2.05E+03	-7.16E-04
2.05E+03	-1.00E-04
2.05E+03	3.00E-04
2.05E+03	3.41E-04
2.06E+03	2.07E-04
2.06E+03	-1.38E-04
2.06E+03	-5.99E-04
2.06E+03	-5.76E-04
2.06E+03	1.04E-04
2.06E+03	6.40E-04
2.06E+03	2.21E-04
2.06E+03	-6.56E-04
2.06E+03	-7.04E-04
2.06E+03	1.97E-04
2.07E+03	7.15E-04
2.07E+03	1.33E-04
2.07E+03	-6.21E-04

2.07E+03	-5.89E-04
2.07E+03	-6.57E-05
2.07E+03	2.06E-04
2.07E+03	1.57E-04
2.07E+03	1.82E-04
2.07E+03	1.12E-04
2.07E+03	-3.57E-04
2.08E+03	-7.32E-04
2.08E+03	-2.91E-04
2.08E+03	5.72E-04
2.08E+03	6.33E-04
2.08E+03	-2.59E-04
2.08E+03	-8.30E-04
2.08E+03	-2.03E-04
2.08E+03	6.45E-04
2.08E+03	3.86E-04
2.08E+03	-4.98E-04
2.09E+03	-6.45E-04
2.09E+03	-2.21E-06
2.09E+03	4.54E-04
2.09E+03	2.83E-04
2.09E+03	3.77E-05
2.09E+03	1.24E-05
2.09E+03	-1.79E-04
2.09E+03	-4.76E-04
2.09E+03	-2.01E-04
2.09E+03	6.05E-04
2.10E+03	8.41E-04
2.10E+03	1.36E-05
2.10E+03	-7.97E-04
2.10E+03	-3.68E-04
2.10E+03	7.17E-04
2.10E+03	8.49E-04
2.10E+03	-1.40E-04
2.10E+03	-7.16E-04
2.10E+03	-8.96E-05
2.10E+03	7.06E-04
2.11E+03	6.44E-04
2.11E+03	1.70E-04
2.11E+03	-1.70E-05
2.11E+03	-6.61E-05
2.11E+03	-3.06E-04
2.11E+03	-2.05E-04
2.11E+03	6.35E-04
2.11E+03	1.24E-03
2.11E+03	5.12E-04
2.11E+03	-7.72E-04

2.12E+03	-8.75E-04
2.12E+03	3.44E-04
2.12E+03	1.21E-03
2.12E+03	6.39E-04
2.12E+03	-4.41E-04
2.12E+03	-4.80E-04
2.12E+03	3.10E-04
2.12E+03	6.42E-04
2.12E+03	3.24E-04
2.12E+03	7.21E-05
2.13E+03	-1.01E-05
2.13E+03	-2.21E-04
2.13E+03	-3.31E-04
2.13E+03	2.52E-04
2.13E+03	1.05E-03
2.13E+03	7.59E-04
2.13E+03	-5.55E-04
2.13E+03	-1.17E-03
2.13E+03	-2.22E-04
2.13E+03	9.69E-04
2.14E+03	8.60E-04
2.14E+03	-2.10E-04
2.14E+03	-6.94E-04
2.14E+03	-1.49E-04
2.14E+03	3.98E-04
2.14E+03	2.23E-04
2.14E+03	-1.08E-04
2.14E+03	-1.37E-04
2.14E+03	-1.71E-04
2.14E+03	-3.36E-04
2.15E+03	-1.06E-04
2.15E+03	5.92E-04
2.15E+03	7.04E-04
2.15E+03	-3.23E-04
2.15E+03	-1.26E-03
2.15E+03	-7.27E-04
2.15E+03	6.20E-04
2.15E+03	1.01E-03
2.15E+03	1.31E-04
2.15E+03	-7.12E-04
2.16E+03	-5.88E-04
2.16E+03	-1.06E-06
2.16E+03	1.68E-04
2.16E+03	-8.34E-06
2.16E+03	-4.92E-05
2.16E+03	-8.27E-05
2.16E+03	-3.09E-04

2.16E+03	-2.89E-04
2.16E+03	2.71E-04
2.16E+03	6.25E-04
2.17E+03	-3.18E-05
2.17E+03	-1.05E-03
2.17E+03	-9.62E-04
2.17E+03	3.27E-04
2.17E+03	1.15E-03
2.17E+03	4.77E-04
2.17E+03	-6.56E-04
2.17E+03	-8.97E-04
2.17E+03	-2.72E-04
2.17E+03	2.60E-04
2.18E+03	2.38E-04
2.18E+03	7.01E-05
2.18E+03	-7.11E-05
2.18E+03	-2.69E-04
2.18E+03	-3.54E-04
2.18E+03	-5.82E-06
2.18E+03	4.51E-04
2.18E+03	2.50E-04
2.18E+03	-5.71E-04
2.18E+03	-9.15E-04
2.19E+03	-1.36E-04
2.19E+03	8.18E-04
2.19E+03	7.46E-04
2.19E+03	-1.20E-04
2.19E+03	-7.16E-04
2.19E+03	-6.22E-04
2.19E+03	-2.11E-04
2.19E+03	2.07E-04
2.19E+03	5.15E-04
2.19E+03	4.72E-04
2.20E+03	-3.56E-05
2.20E+03	-5.64E-04
2.20E+03	-4.61E-04
2.20E+03	1.70E-04
2.20E+03	5.08E-04
2.20E+03	1.29E-04
2.20E+03	-3.42E-04
2.20E+03	-1.95E-04
2.20E+03	3.65E-04
2.20E+03	5.00E-04
2.21E+03	5.53E-05
2.21E+03	-2.65E-04
2.21E+03	-1.70E-04
2.21E+03	5.37E-06

2.21E+03	9.46E-05
2.21E+03	3.15E-04
2.21E+03	5.70E-04
2.21E+03	3.53E-04
2.21E+03	-1.91E-04
2.21E+03	-3.56E-04
2.22E+03	6.60E-05
2.22E+03	4.27E-04
2.22E+03	3.03E-04
2.22E+03	5.33E-05
2.22E+03	1.37E-04
2.22E+03	4.30E-04
2.22E+03	3.67E-04
2.22E+03	-1.14E-05
2.22E+03	-1.82E-04
2.22E+03	4.81E-05
2.23E+03	2.29E-04
2.23E+03	1.83E-04
2.23E+03	3.03E-04
2.23E+03	6.32E-04
2.23E+03	4.81E-04
2.23E+03	-2.71E-04
2.23E+03	-6.75E-04
2.23E+03	-9.58E-05
2.23E+03	7.57E-04
2.23E+03	7.37E-04
2.24E+03	4.23E-05
2.24E+03	-3.30E-04
2.24E+03	-5.73E-05
2.24E+03	3.07E-04
2.24E+03	2.52E-04
2.24E+03	-3.87E-05
2.24E+03	-1.67E-04
2.24E+03	-1.05E-04
2.24E+03	5.36E-07
2.24E+03	2.20E-04
2.25E+03	5.12E-04
2.25E+03	4.05E-04
2.25E+03	-3.60E-04
2.25E+03	-9.72E-04
2.25E+03	-4.98E-04
2.25E+03	5.95E-04
2.25E+03	9.26E-04
2.25E+03	1.97E-04
2.25E+03	-5.53E-04
2.25E+03	-5.28E-04
2.26E+03	-1.17E-04

2.26E+03	6.45E-05
2.26E+03	8.84E-05
2.26E+03	1.05E-04
2.26E+03	-2.05E-05
2.26E+03	-3.06E-04
2.26E+03	-3.23E-04
2.26E+03	1.36E-04
2.26E+03	5.23E-04
2.26E+03	1.23E-04
2.27E+03	-7.52E-04
2.27E+03	-9.51E-04
2.27E+03	-7.83E-05
2.27E+03	8.35E-04
2.27E+03	7.47E-04
2.27E+03	-1.04E-04
2.27E+03	-7.42E-04
2.27E+03	-7.36E-04
2.27E+03	-3.13E-04
2.27E+03	2.44E-04
2.28E+03	6.04E-04
2.28E+03	3.58E-04
2.28E+03	-3.74E-04
2.28E+03	-7.48E-04
2.28E+03	-2.67E-04
2.28E+03	4.72E-04
2.28E+03	4.36E-04
2.28E+03	-3.55E-04
2.28E+03	-8.13E-04
2.28E+03	-2.80E-04
2.29E+03	5.51E-04
2.29E+03	6.18E-04
2.29E+03	-4.72E-05
2.29E+03	-5.43E-04
2.29E+03	-4.82E-04
2.29E+03	-2.61E-04
2.29E+03	-3.12E-05
2.29E+03	3.02E-04
2.29E+03	4.82E-04
2.29E+03	1.13E-04
2.30E+03	-5.12E-04
2.30E+03	-5.48E-04
2.30E+03	3.83E-05
2.30E+03	3.51E-04
2.30E+03	1.56E-05
2.30E+03	-3.64E-04
2.30E+03	-1.83E-04
2.30E+03	3.06E-04

2.30E+03	3.96E-04
2.30E+03	2.14E-05
2.31E+03	-3.19E-04
2.31E+03	-3.31E-04
2.31E+03	-2.26E-04
2.31E+03	-6.91E-06
2.31E+03	4.35E-04
2.31E+03	7.07E-04
2.31E+03	2.66E-04
2.31E+03	-5.70E-04
2.31E+03	-7.51E-04
2.31E+03	7.25E-05
2.32E+03	8.25E-04
2.32E+03	5.31E-04
2.32E+03	-2.38E-04
2.32E+03	-3.73E-04
2.32E+03	1.85E-04
2.32E+03	5.28E-04
2.32E+03	3.00E-04
2.32E+03	-1.35E-05
2.32E+03	-3.87E-05
2.32E+03	-3.62E-05
2.33E+03	-8.99E-05
2.33E+03	1.66E-04
2.33E+03	7.82E-04
2.33E+03	9.06E-04
2.33E+03	2.85E-05
2.33E+03	-8.53E-04
2.33E+03	-5.91E-04
2.33E+03	4.84E-04
2.33E+03	1.02E-03
2.33E+03	6.11E-04
2.34E+03	1.46E-05
2.34E+03	-1.69E-04
2.34E+03	-1.56E-04
2.34E+03	-1.31E-04
2.34E+03	1.84E-04
2.34E+03	6.05E-04
2.34E+03	5.28E-04
2.34E+03	-1.38E-04
2.34E+03	-5.32E-04
2.34E+03	-1.50E-06
2.35E+03	7.77E-04
2.35E+03	6.24E-04
2.35E+03	-3.19E-04
2.35E+03	-7.35E-04
2.35E+03	-1.50E-04

2.35E+03	5.33E-04
2.35E+03	4.97E-04
2.35E+03	1.17E-04
2.35E+03	-2.11E-05
2.35E+03	-1.00E-04
2.36E+03	-3.87E-04
2.36E+03	-4.14E-04
2.36E+03	1.19E-04
2.36E+03	5.87E-04
2.36E+03	3.17E-04
2.36E+03	-3.30E-04
2.36E+03	-4.88E-04
2.36E+03	-1.69E-05
2.36E+03	2.76E-04
2.36E+03	-4.54E-05
2.37E+03	-3.80E-04
2.37E+03	-2.07E-04
2.37E+03	1.93E-04
2.37E+03	1.84E-04
2.37E+03	-4.97E-05
2.37E+03	-8.41E-05
2.37E+03	-6.33E-05
2.37E+03	-3.17E-04
2.37E+03	-4.91E-04
2.37E+03	-3.83E-05
2.38E+03	5.56E-04
2.38E+03	3.46E-04
2.38E+03	-4.25E-04
2.38E+03	-6.28E-04
2.38E+03	-1.79E-05
2.38E+03	3.95E-04
2.38E+03	1.09E-05
2.38E+03	-5.30E-04
2.38E+03	-3.50E-04
2.38E+03	2.84E-04
2.39E+03	4.73E-04
2.39E+03	-2.61E-05
2.39E+03	-4.42E-04
2.39E+03	-3.54E-04
2.39E+03	-8.79E-05
2.39E+03	-4.03E-05
2.39E+03	7.42E-06
2.39E+03	2.51E-04
2.39E+03	1.93E-04
2.39E+03	-3.20E-04
2.40E+03	-5.61E-04
2.40E+03	-7.22E-05

2.40E+03	4.45E-04
2.40E+03	1.73E-04
2.40E+03	-4.66E-04
2.40E+03	-4.82E-04
2.40E+03	1.06E-04
2.40E+03	4.24E-04
2.40E+03	1.61E-04
2.40E+03	-1.90E-04
2.41E+03	-2.60E-04
2.41E+03	-2.34E-04
2.41E+03	-2.53E-04
2.41E+03	-9.62E-05
2.41E+03	4.05E-04
2.41E+03	7.04E-04
2.41E+03	1.22E-04
2.41E+03	-8.02E-04
2.41E+03	-8.31E-04
2.41E+03	1.50E-04
2.42E+03	8.86E-04
2.42E+03	4.92E-04
2.42E+03	-3.09E-04
2.42E+03	-4.27E-04
2.42E+03	2.35E-05
2.42E+03	2.63E-04
2.42E+03	1.39E-04
2.42E+03	4.10E-05
2.42E+03	9.10E-05
2.42E+03	9.48E-05
2.43E+03	9.91E-06
2.43E+03	8.97E-06
2.43E+03	2.43E-04
2.43E+03	4.11E-04
2.43E+03	1.92E-04
2.43E+03	-1.48E-04
2.43E+03	-1.55E-04
2.43E+03	1.60E-04
2.43E+03	3.47E-04
2.43E+03	3.01E-04
2.44E+03	2.64E-04
2.44E+03	2.44E-04
2.44E+03	6.25E-05
2.44E+03	-1.52E-04
2.44E+03	-5.29E-05
2.44E+03	3.15E-04
2.44E+03	4.64E-04
2.44E+03	2.77E-04
2.44E+03	4.15E-05

2.44E+03	1.33E-05
2.45E+03	1.90E-04
2.45E+03	2.34E-04
2.45E+03	1.52E-05
2.45E+03	-1.55E-04
2.45E+03	7.35E-05
2.45E+03	4.89E-04
2.45E+03	5.15E-04
2.45E+03	3.14E-05
2.45E+03	-3.93E-04
2.45E+03	-2.43E-04
2.46E+03	2.29E-04
2.46E+03	4.25E-04
2.46E+03	2.48E-04
2.46E+03	-8.31E-05
2.46E+03	-2.13E-04
2.46E+03	-4.44E-05
2.46E+03	1.43E-04
2.46E+03	1.34E-04
2.46E+03	3.11E-05
2.46E+03	-6.48E-05
2.47E+03	-1.37E-04
2.47E+03	-1.72E-04
2.47E+03	-2.96E-05
2.47E+03	2.38E-04
2.47E+03	2.62E-04
2.47E+03	-1.19E-04
2.47E+03	-4.85E-04
2.47E+03	-3.47E-04
2.47E+03	9.04E-05
2.47E+03	2.94E-04
2.48E+03	1.19E-04
2.48E+03	-1.53E-04
2.48E+03	-2.49E-04
2.48E+03	-1.79E-04
2.48E+03	-6.96E-05
2.48E+03	3.83E-05
2.48E+03	1.01E-04
2.48E+03	-7.78E-05
2.48E+03	-3.66E-04
2.48E+03	-2.65E-04
2.49E+03	2.50E-04
2.49E+03	4.73E-04
2.49E+03	-4.60E-05
2.49E+03	-7.74E-04
2.49E+03	-6.78E-04
2.49E+03	2.59E-04

2.49E+03	8.30E-04
2.49E+03	3.17E-04
2.49E+03	-5.78E-04
2.49E+03	-7.84E-04
2.50E+03	-2.01E-04
2.50E+03	3.91E-04
2.50E+03	3.83E-04
2.50E+03	1.94E-06
2.50E+03	-3.34E-04
2.50E+03	-4.42E-04
2.50E+03	-2.20E-04
2.50E+03	2.35E-04
2.50E+03	4.78E-04
2.50E+03	1.05E-04
2.51E+03	-5.70E-04
2.51E+03	-6.98E-04
2.51E+03	-3.97E-06
2.51E+03	6.74E-04
2.51E+03	4.23E-04
2.51E+03	-3.71E-04
2.51E+03	-6.28E-04
2.51E+03	-1.27E-04
2.51E+03	2.87E-04
2.51E+03	1.58E-04
2.52E+03	-1.73E-04
2.52E+03	-1.57E-04
2.52E+03	2.96E-05
2.52E+03	1.61E-05
2.52E+03	2.17E-05
2.52E+03	1.71E-04
2.52E+03	8.02E-05
2.52E+03	-3.65E-04
2.52E+03	-4.95E-04
2.52E+03	1.42E-04
2.53E+03	8.93E-04
2.53E+03	6.37E-04
2.53E+03	-4.73E-04
2.53E+03	-1.03E-03
2.53E+03	-2.67E-04
2.53E+03	8.45E-04
2.53E+03	9.89E-04
2.53E+03	1.12E-04
2.53E+03	-6.30E-04
2.53E+03	-4.64E-04
2.54E+03	2.18E-04
2.54E+03	5.84E-04
2.54E+03	5.43E-04

2.54E+03	2.57E-04
2.54E+03	-2.42E-04
2.54E+03	-5.40E-04
2.54E+03	-1.18E-04
2.54E+03	7.85E-04
2.54E+03	1.12E-03
2.54E+03	3.15E-04
2.55E+03	-7.87E-04
2.55E+03	-7.78E-04
2.55E+03	2.98E-04
2.55E+03	1.10E-03
2.55E+03	7.75E-04
2.55E+03	-7.42E-05
2.55E+03	-4.41E-04
2.55E+03	-1.68E-04
2.55E+03	2.10E-04
2.55E+03	3.58E-04
2.56E+03	4.24E-04
2.56E+03	3.15E-04
2.56E+03	-9.74E-05
2.56E+03	-4.07E-04
2.56E+03	-3.13E-05
2.56E+03	6.46E-04
2.56E+03	6.70E-04
2.56E+03	-1.57E-04
2.56E+03	-7.88E-04
2.56E+03	-3.09E-04
2.57E+03	6.50E-04
2.57E+03	8.48E-04
2.57E+03	9.22E-05
2.57E+03	-6.03E-04
2.57E+03	-4.59E-04
2.57E+03	1.19E-04
2.57E+03	3.57E-04
2.57E+03	1.47E-04
2.57E+03	-2.46E-05
2.57E+03	-3.40E-05
2.58E+03	-1.30E-04
2.58E+03	-2.78E-04
2.58E+03	-7.71E-05
2.58E+03	2.86E-04
2.58E+03	2.61E-04
2.58E+03	-2.48E-04
2.58E+03	-5.36E-04
2.58E+03	-1.76E-04
2.58E+03	3.39E-04
2.58E+03	3.20E-04

2.59E+03	-1.05E-04
2.59E+03	-3.16E-04
2.59E+03	-2.10E-04
2.59E+03	-1.42E-04
2.59E+03	-1.83E-04
2.59E+03	-3.59E-06
2.59E+03	3.78E-04
2.59E+03	3.29E-04
2.59E+03	-3.42E-04
2.59E+03	-7.95E-04
2.60E+03	-3.28E-04
2.60E+03	4.51E-04
2.60E+03	5.25E-04
2.60E+03	-1.67E-04
2.60E+03	-5.74E-04
2.60E+03	-1.88E-04
2.60E+03	2.67E-04
2.60E+03	1.06E-04
2.60E+03	-2.62E-04
2.60E+03	-2.46E-04
2.61E+03	4.63E-05
2.61E+03	9.27E-05
2.61E+03	-1.14E-04
2.61E+03	-1.03E-04
2.61E+03	8.57E-05
2.61E+03	-1.96E-05
2.61E+03	-3.46E-04
2.61E+03	-2.25E-04
2.61E+03	2.81E-04
2.61E+03	3.43E-04
2.62E+03	-2.83E-04
2.62E+03	-6.53E-04
2.62E+03	-8.95E-05
2.62E+03	6.37E-04
2.62E+03	4.22E-04
2.62E+03	-4.66E-04
2.62E+03	-7.38E-04
2.62E+03	-1.41E-04
2.62E+03	3.98E-04
2.62E+03	2.75E-04
2.63E+03	2.68E-05
2.63E+03	6.93E-05
2.63E+03	-1.29E-05
2.63E+03	-4.98E-04
2.63E+03	-6.47E-04
2.63E+03	2.07E-04
2.63E+03	1.09E-03

2.63E+03	6.19E-04
2.63E+03	-7.47E-04
2.63E+03	-1.06E-03
2.64E+03	8.80E-05
2.64E+03	1.05E-03
2.64E+03	5.77E-04
2.64E+03	-4.43E-04
2.64E+03	-5.45E-04
2.64E+03	1.42E-04
2.64E+03	4.65E-04
2.64E+03	2.20E-04
2.64E+03	1.11E-04
2.64E+03	2.36E-04
2.65E+03	3.59E-05
2.65E+03	-3.50E-04
2.65E+03	-1.68E-04
2.65E+03	6.61E-04
2.65E+03	9.33E-04
2.65E+03	6.46E-05
2.65E+03	-7.49E-04
2.65E+03	-2.65E-04
2.65E+03	7.80E-04
2.65E+03	8.06E-04
2.66E+03	-1.10E-04
2.66E+03	-4.84E-04
2.66E+03	1.79E-04
2.66E+03	6.53E-04
2.66E+03	2.21E-04
2.66E+03	-2.13E-04
2.66E+03	1.56E-04
2.66E+03	5.17E-04
2.66E+03	5.06E-05
2.66E+03	-5.08E-04
2.67E+03	-8.69E-05
2.67E+03	8.51E-04
2.67E+03	8.31E-04
2.67E+03	-2.60E-04
2.67E+03	-8.54E-04
2.67E+03	-1.50E-04
2.67E+03	6.70E-04
2.67E+03	4.55E-04
2.67E+03	-1.92E-04
2.67E+03	-1.32E-04
2.68E+03	3.55E-04
2.68E+03	1.84E-04
2.68E+03	-5.34E-04
2.68E+03	-5.27E-04

2.68E+03	3.66E-04
2.68E+03	8.33E-04
2.68E+03	1.90E-04
2.68E+03	-6.35E-04
2.68E+03	-6.09E-04
2.68E+03	3.67E-05
2.69E+03	3.35E-04
2.69E+03	1.76E-04
2.69E+03	6.89E-05
2.69E+03	4.30E-05
2.69E+03	-3.48E-04
2.69E+03	-7.65E-04
2.69E+03	-3.08E-04
2.69E+03	7.90E-04
2.69E+03	1.05E-03
2.69E+03	-1.83E-04
2.70E+03	-1.46E-03
2.70E+03	-1.03E-03
2.70E+03	5.98E-04
2.70E+03	1.29E-03
2.70E+03	3.52E-04
2.70E+03	-8.29E-04
2.70E+03	-8.94E-04
2.70E+03	-1.41E-04
2.70E+03	3.64E-04
2.70E+03	2.53E-04
2.71E+03	5.10E-05
2.71E+03	-3.01E-05
2.71E+03	-2.09E-04
2.71E+03	-4.03E-04
2.71E+03	-2.50E-04
2.71E+03	2.17E-04
2.71E+03	4.03E-04
2.71E+03	-7.26E-07
2.71E+03	-5.08E-04
2.71E+03	-3.53E-04
2.72E+03	1.98E-04
2.72E+03	2.70E-04
2.72E+03	-1.53E-04
2.72E+03	-3.08E-04
2.72E+03	4.01E-05
2.72E+03	2.19E-04
2.72E+03	-1.39E-04
2.72E+03	-4.50E-04
2.72E+03	-1.32E-04
2.72E+03	3.77E-04
2.73E+03	3.10E-04

2.73E+03	-2.53E-04
2.73E+03	-4.89E-04
2.73E+03	-9.38E-05
2.73E+03	3.19E-04
2.73E+03	1.48E-04
2.73E+03	-2.43E-04
2.73E+03	-1.97E-04
2.73E+03	1.77E-04
2.73E+03	1.55E-04
2.74E+03	-2.07E-04
2.74E+03	-2.18E-04
2.74E+03	1.84E-04
2.74E+03	2.97E-04
2.74E+03	-1.29E-04
2.74E+03	-3.74E-04
2.74E+03	7.16E-05
2.74E+03	5.36E-04
2.74E+03	2.69E-04
2.74E+03	-3.73E-04
2.75E+03	-4.35E-04
2.75E+03	2.67E-04
2.75E+03	7.64E-04
2.75E+03	2.21E-04
2.75E+03	-5.96E-04
2.75E+03	-4.01E-04
2.75E+03	5.89E-04
2.75E+03	8.87E-04
2.75E+03	8.83E-05
2.75E+03	-5.82E-04
2.76E+03	-2.72E-04
2.76E+03	3.55E-04
2.76E+03	5.70E-04
2.76E+03	4.05E-04
2.76E+03	2.28E-04
2.76E+03	-6.07E-05
2.76E+03	-3.57E-04
2.76E+03	-1.99E-04
2.76E+03	4.73E-04
2.76E+03	9.67E-04
2.77E+03	5.52E-04
2.77E+03	-4.29E-04
2.77E+03	-8.48E-04
2.77E+03	-6.77E-05
2.77E+03	1.01E-03
2.77E+03	1.02E-03
2.77E+03	3.90E-05
2.77E+03	-6.16E-04

2.77E+03	-4.45E-04
2.77E+03	1.12E-05
2.78E+03	3.96E-04
2.78E+03	8.05E-04
2.78E+03	7.88E-04
2.78E+03	-1.29E-04
2.78E+03	-1.23E-03
2.78E+03	-1.04E-03
2.78E+03	5.86E-04
2.78E+03	1.82E-03
2.78E+03	1.09E-03
2.78E+03	-9.38E-04
2.79E+03	-1.97E-03
2.79E+03	-6.86E-04
2.79E+03	1.33E-03
2.79E+03	1.64E-03
2.79E+03	1.38E-04
2.79E+03	-1.16E-03
2.79E+03	-1.11E-03
2.79E+03	-2.32E-04
2.79E+03	5.93E-04
2.79E+03	9.36E-04
2.80E+03	5.14E-04
2.80E+03	-5.43E-04
2.80E+03	-1.22E-03
2.80E+03	-6.72E-04
2.80E+03	5.38E-04
2.80E+03	9.80E-04
2.80E+03	3.52E-04
2.80E+03	-4.74E-04
2.80E+03	-7.27E-04
2.80E+03	-4.02E-04
2.81E+03	-2.76E-05
2.81E+03	1.55E-04
2.81E+03	3.71E-04
2.81E+03	5.76E-04
2.81E+03	5.60E-05
2.81E+03	-1.06E-03
2.81E+03	-1.33E-03
2.81E+03	5.50E-05
2.81E+03	1.61E-03
2.81E+03	1.25E-03
2.82E+03	-7.23E-04
2.82E+03	-1.91E-03
2.82E+03	-1.01E-03
2.82E+03	7.08E-04
2.82E+03	1.53E-03

2.82E+03	8.59E-04
2.82E+03	-5.14E-04
2.82E+03	-1.44E-03
2.82E+03	-1.23E-03
2.82E+03	-1.83E-05
2.83E+03	1.35E-03
2.83E+03	1.58E-03
2.83E+03	1.36E-04
2.83E+03	-1.69E-03
2.83E+03	-1.91E-03
2.83E+03	-1.16E-04
2.83E+03	1.74E-03
2.83E+03	1.62E-03
2.83E+03	-1.76E-04
2.83E+03	-1.55E-03
2.84E+03	-1.32E-03
2.84E+03	-3.19E-05
2.84E+03	1.07E-03
2.84E+03	1.17E-03
2.84E+03	2.20E-04
2.84E+03	-1.01E-03
2.84E+03	-1.36E-03
2.84E+03	-3.22E-04
2.84E+03	1.13E-03
2.84E+03	1.34E-03
2.85E+03	3.74E-06
2.85E+03	-1.21E-03
2.85E+03	-9.00E-04
2.85E+03	3.65E-04
2.85E+03	8.95E-04
2.85E+03	2.76E-04
2.85E+03	-3.13E-04
2.85E+03	-6.10E-05
2.85E+03	3.36E-04
2.85E+03	4.79E-05
2.86E+03	-4.76E-04
2.86E+03	-2.67E-04
2.86E+03	5.50E-04
2.86E+03	8.61E-04
2.86E+03	2.88E-04
2.86E+03	-4.07E-04
2.86E+03	-4.80E-04
2.86E+03	-3.41E-05
2.86E+03	4.52E-04
2.86E+03	6.56E-04
2.87E+03	4.43E-04
2.87E+03	-1.04E-04

2.87E+03	-4.41E-04
2.87E+03	-1.30E-04
2.87E+03	5.06E-04
2.87E+03	7.12E-04
2.87E+03	3.06E-04
2.87E+03	-2.30E-04
2.87E+03	-3.21E-04
2.87E+03	4.09E-05
2.88E+03	4.19E-04
2.88E+03	5.39E-04
2.88E+03	3.87E-04
2.88E+03	1.06E-04
2.88E+03	-3.50E-04
2.88E+03	-5.82E-04
2.88E+03	6.60E-06
2.88E+03	1.04E-03
2.88E+03	1.17E-03
2.88E+03	-1.50E-04
2.89E+03	-1.39E-03
2.89E+03	-8.40E-04
2.89E+03	8.85E-04
2.89E+03	1.61E-03
2.89E+03	5.05E-04
2.89E+03	-1.08E-03
2.89E+03	-1.39E-03
2.89E+03	-1.37E-04
2.89E+03	1.29E-03
2.89E+03	1.33E-03
2.90E+03	-8.68E-05
2.90E+03	-1.40E-03
2.90E+03	-1.18E-03
2.90E+03	3.12E-04
2.90E+03	1.43E-03
2.90E+03	8.82E-04
2.90E+03	-7.07E-04
2.90E+03	-1.43E-03
2.90E+03	-4.36E-04
2.90E+03	9.84E-04
2.91E+03	9.65E-04
2.91E+03	-3.54E-04
2.91E+03	-1.13E-03
2.91E+03	-4.87E-04
2.91E+03	6.01E-04
2.91E+03	7.81E-04
2.91E+03	4.75E-05
2.91E+03	-6.88E-04
2.91E+03	-7.84E-04

2.91E+03	-2.71E-04
2.92E+03	4.82E-04
2.92E+03	8.48E-04
2.92E+03	3.50E-04
2.92E+03	-7.28E-04
2.92E+03	-1.30E-03
2.92E+03	-5.11E-04
2.92E+03	9.38E-04
2.92E+03	1.36E-03
2.92E+03	2.07E-04
2.92E+03	-1.22E-03
2.93E+03	-1.38E-03
2.93E+03	-2.82E-04
2.93E+03	9.39E-04
2.93E+03	1.28E-03
2.93E+03	5.27E-04
2.93E+03	-8.31E-04
2.93E+03	-1.69E-03
2.93E+03	-1.03E-03
2.93E+03	7.61E-04
2.93E+03	1.87E-03
2.94E+03	1.06E-03
2.94E+03	-8.60E-04
2.94E+03	-1.86E-03
2.94E+03	-1.10E-03
2.94E+03	4.11E-04
2.94E+03	1.25E-03
2.94E+03	1.11E-03
2.94E+03	3.04E-04
2.94E+03	-8.64E-04
2.94E+03	-1.68E-03
2.95E+03	-1.19E-03
2.95E+03	6.82E-04
2.95E+03	2.27E-03
2.95E+03	1.60E-03
2.95E+03	-9.39E-04
2.95E+03	-2.70E-03
2.95E+03	-1.77E-03
2.95E+03	9.81E-04
2.95E+03	2.86E-03
2.95E+03	1.96E-03
2.96E+03	-9.51E-04
2.96E+03	-3.05E-03
2.96E+03	-2.16E-03
2.96E+03	1.10E-03
2.96E+03	3.48E-03
2.96E+03	2.23E-03

2.96E+03	-1.43E-03
2.96E+03	-3.35E-03
2.96E+03	-1.49E-03
2.96E+03	1.77E-03
2.97E+03	2.79E-03
2.97E+03	9.73E-04
2.97E+03	-1.12E-03
2.97E+03	-1.50E-03
2.97E+03	-5.96E-04
2.97E+03	3.70E-04
2.97E+03	1.06E-03
2.97E+03	1.39E-03
2.97E+03	7.25E-04
2.97E+03	-9.12E-04
2.98E+03	-1.86E-03
2.98E+03	-5.64E-04
2.98E+03	1.82E-03
2.98E+03	2.38E-03
2.98E+03	3.55E-04
2.98E+03	-1.79E-03
2.98E+03	-1.69E-03
2.98E+03	1.78E-04
2.98E+03	1.72E-03
2.98E+03	1.69E-03
2.99E+03	3.84E-04
2.99E+03	-1.12E-03
2.99E+03	-1.64E-03
2.99E+03	-4.34E-04
2.99E+03	1.56E-03
2.99E+03	2.10E-03
2.99E+03	3.24E-04
2.99E+03	-1.73E-03
2.99E+03	-1.54E-03
2.99E+03	5.51E-04
3.00E+03	1.75E-03
3.00E+03	6.45E-04
3.00E+03	-8.41E-04
3.00E+03	-6.07E-04
3.00E+03	4.10E-04
3.00E+03	2.36E-04
3.00E+03	-7.00E-04
3.00E+03	-3.49E-04
3.00E+03	1.12E-03
3.00E+03	1.33E-03
3.01E+03	-4.81E-04
3.01E+03	-2.01E-03
3.01E+03	-1.18E-03

3.01E+03	1.04E-03
3.01E+03	2.12E-03
3.01E+03	9.27E-04
3.01E+03	-1.19E-03
3.01E+03	-2.13E-03
3.01E+03	-1.07E-03
3.01E+03	9.16E-04
3.02E+03	2.11E-03
3.02E+03	1.27E-03
3.02E+03	-1.04E-03
3.02E+03	-2.55E-03
3.02E+03	-1.42E-03
3.02E+03	1.36E-03
3.02E+03	2.65E-03
3.02E+03	8.08E-04
3.02E+03	-1.93E-03
3.02E+03	-2.30E-03
3.03E+03	-2.67E-04
3.03E+03	1.53E-03
3.03E+03	1.49E-03
3.03E+03	2.67E-04
3.03E+03	-1.01E-03
3.03E+03	-1.55E-03
3.03E+03	-8.53E-04
3.03E+03	8.76E-04
3.03E+03	1.87E-03
3.03E+03	6.39E-04
3.04E+03	-1.56E-03
3.04E+03	-1.93E-03
3.04E+03	3.14E-05
3.04E+03	1.82E-03
3.04E+03	1.23E-03
3.04E+03	-8.70E-04
3.04E+03	-1.90E-03
3.04E+03	-6.71E-04
3.04E+03	1.26E-03
3.04E+03	1.55E-03
3.05E+03	5.07E-05
3.05E+03	-1.39E-03
3.05E+03	-1.33E-03
3.05E+03	-1.03E-04
3.05E+03	1.08E-03
3.05E+03	1.31E-03
3.05E+03	2.26E-04
3.05E+03	-1.33E-03
3.05E+03	-1.60E-03
3.05E+03	-4.52E-06

3.06E+03	1.60E-03
3.06E+03	1.15E-03
3.06E+03	-6.32E-04
3.06E+03	-1.33E-03
3.06E+03	-3.53E-04
3.06E+03	5.60E-04
3.06E+03	4.20E-04
3.06E+03	4.03E-05
3.06E+03	2.76E-04
3.06E+03	4.10E-04
3.07E+03	-4.37E-04
3.07E+03	-1.37E-03
3.07E+03	-6.00E-04
3.07E+03	1.54E-03
3.07E+03	2.33E-03
3.07E+03	3.13E-04
3.07E+03	-2.28E-03
3.07E+03	-2.28E-03
3.07E+03	2.66E-04
3.07E+03	2.45E-03
3.08E+03	2.36E-03
3.08E+03	2.51E-04
3.08E+03	-2.08E-03
3.08E+03	-2.52E-03
3.08E+03	-3.07E-04
3.08E+03	2.55E-03
3.08E+03	3.01E-03
3.08E+03	4.81E-04
3.08E+03	-2.41E-03
3.08E+03	-2.71E-03
3.09E+03	-1.56E-04
3.09E+03	2.71E-03
3.09E+03	3.05E-03
3.09E+03	4.59E-04
3.09E+03	-2.50E-03
3.09E+03	-2.74E-03
3.09E+03	-1.87E-04
3.09E+03	2.50E-03
3.09E+03	3.11E-03
3.09E+03	1.16E-03
3.10E+03	-2.10E-03
3.10E+03	-3.71E-03
3.10E+03	-1.44E-03
3.10E+03	2.92E-03
3.10E+03	4.65E-03
3.10E+03	1.41E-03
3.10E+03	-3.38E-03

3.10E+03	-4.47E-03
3.10E+03	-9.17E-04
3.10E+03	3.50E-03
3.11E+03	4.54E-03
3.11E+03	1.07E-03
3.11E+03	-3.64E-03
3.11E+03	-4.62E-03
3.11E+03	-6.68E-04
3.11E+03	3.94E-03
3.11E+03	4.31E-03
3.11E+03	2.84E-04
3.11E+03	-3.80E-03
3.11E+03	-3.85E-03
3.12E+03	-2.22E-04
3.12E+03	3.28E-03
3.12E+03	3.41E-03
3.12E+03	3.02E-04
3.12E+03	-2.87E-03
3.12E+03	-3.21E-03
3.12E+03	-6.93E-04
3.12E+03	2.29E-03
3.12E+03	3.14E-03
3.12E+03	9.32E-04
3.13E+03	-2.42E-03
3.13E+03	-3.38E-03
3.13E+03	-7.42E-04
3.13E+03	2.52E-03
3.13E+03	2.79E-03
3.13E+03	9.31E-05
3.13E+03	-2.28E-03
3.13E+03	-2.04E-03
3.13E+03	-9.07E-05
3.13E+03	1.35E-03
3.14E+03	1.32E-03
3.14E+03	3.71E-04
3.14E+03	-6.04E-04
3.14E+03	-1.13E-03
3.14E+03	-1.02E-03
3.14E+03	-1.43E-04
3.14E+03	1.02E-03
3.14E+03	1.33E-03
3.14E+03	3.19E-04
3.14E+03	-9.86E-04
3.15E+03	-1.38E-03
3.15E+03	-8.26E-04
3.15E+03	3.65E-04
3.15E+03	1.57E-03

3.15E+03	1.58E-03
3.15E+03	-4.47E-04
3.15E+03	-2.66E-03
3.15E+03	-1.97E-03
3.15E+03	1.34E-03
3.15E+03	3.24E-03
3.16E+03	1.22E-03
3.16E+03	-2.30E-03
3.16E+03	-3.26E-03
3.16E+03	-6.72E-04
3.16E+03	2.58E-03
3.16E+03	3.05E-03
3.16E+03	2.95E-04
3.16E+03	-2.73E-03
3.16E+03	-3.07E-03
3.16E+03	-4.42E-04
3.17E+03	2.71E-03
3.17E+03	3.31E-03
3.17E+03	4.51E-04
3.17E+03	-3.18E-03
3.17E+03	-3.48E-03
3.17E+03	1.83E-04
3.17E+03	3.58E-03
3.17E+03	2.62E-03
3.17E+03	-1.05E-03
3.17E+03	-2.67E-03
3.18E+03	-1.13E-03
3.18E+03	7.45E-04
3.18E+03	1.19E-03
3.18E+03	9.05E-04
3.18E+03	6.48E-04
3.18E+03	-1.84E-04
3.18E+03	-1.50E-03
3.18E+03	-1.55E-03
3.18E+03	6.87E-04
3.18E+03	2.78E-03
3.19E+03	1.66E-03
3.19E+03	-1.59E-03
3.19E+03	-2.61E-03
3.19E+03	-5.08E-05
3.19E+03	2.25E-03
3.19E+03	1.29E-03
3.19E+03	-6.82E-04
3.19E+03	-5.66E-04
3.19E+03	5.33E-04
3.19E+03	1.90E-04
3.20E+03	-7.10E-04

3.20E+03	-1.45E-04
3.20E+03	1.12E-03
3.20E+03	1.07E-03
3.20E+03	-8.55E-05
3.20E+03	-6.54E-04
3.20E+03	-2.91E-04
3.20E+03	-7.03E-05
3.20E+03	-5.64E-05
3.20E+03	6.00E-04
3.21E+03	1.60E-03
3.21E+03	9.83E-04
3.21E+03	-1.56E-03
3.21E+03	-2.80E-03
3.21E+03	-1.64E-04
3.21E+03	3.38E-03
3.21E+03	2.82E-03
3.21E+03	-1.35E-03
3.21E+03	-3.54E-03
3.21E+03	-1.21E-03
3.22E+03	2.07E-03
3.22E+03	2.37E-03
3.22E+03	3.66E-04
3.22E+03	-1.27E-03
3.22E+03	-1.55E-03
3.22E+03	-7.04E-04
3.22E+03	8.03E-04
3.22E+03	1.82E-03
3.22E+03	9.00E-04
3.22E+03	-1.38E-03
3.23E+03	-2.34E-03
3.23E+03	-3.86E-04
3.23E+03	2.37E-03
3.23E+03	2.18E-03
3.23E+03	-1.10E-03
3.23E+03	-3.14E-03
3.23E+03	-1.09E-03
3.23E+03	2.25E-03
3.23E+03	2.50E-03
3.23E+03	-2.80E-04
3.24E+03	-2.29E-03
3.24E+03	-1.63E-03
3.24E+03	1.38E-04
3.24E+03	1.41E-03
3.24E+03	1.91E-03
3.24E+03	7.46E-04
3.24E+03	-2.16E-03
3.24E+03	-3.53E-03

3.24E+03	-4.71E-04
3.24E+03	3.94E-03
3.25E+03	3.75E-03
3.25E+03	-1.38E-03
3.25E+03	-5.10E-03
3.25E+03	-2.67E-03
3.25E+03	2.69E-03
3.25E+03	4.50E-03
3.25E+03	1.32E-03
3.25E+03	-2.76E-03
3.25E+03	-3.67E-03
3.25E+03	-1.14E-03
3.26E+03	1.99E-03
3.26E+03	3.01E-03
3.26E+03	1.50E-03
3.26E+03	-1.28E-03
3.26E+03	-3.23E-03
3.26E+03	-2.28E-03
3.26E+03	1.14E-03
3.26E+03	3.50E-03
3.26E+03	1.96E-03
3.26E+03	-1.51E-03
3.27E+03	-2.81E-03
3.27E+03	-1.23E-03
3.27E+03	6.18E-04
3.27E+03	1.20E-03
3.27E+03	1.38E-03
3.27E+03	1.09E-03
3.27E+03	-6.63E-04
3.27E+03	-2.70E-03
3.27E+03	-2.19E-03
3.27E+03	1.13E-03
3.28E+03	3.68E-03
3.28E+03	2.22E-03
3.28E+03	-1.79E-03
3.28E+03	-3.84E-03
3.28E+03	-1.88E-03
3.28E+03	1.81E-03
3.28E+03	3.58E-03
3.28E+03	2.11E-03
3.28E+03	-1.12E-03
3.28E+03	-3.57E-03
3.29E+03	-3.06E-03
3.29E+03	8.38E-04
3.29E+03	4.81E-03
3.29E+03	3.94E-03
3.29E+03	-1.54E-03

3.29E+03 -5.34E-03
3.29E+03 -3.16E-03
3.29E+03 2.21E-03
3.29E+03 4.98E-03
3.29E+03 2.96E-03
3.30E+03 -1.33E-03
3.30E+03 -4.24E-03
3.30E+03 -3.44E-03
3.30E+03 9.22E-04
3.30E+03 5.17E-03
3.30E+03 4.57E-03
3.30E+03 -1.03E-03
3.30E+03 -5.81E-03
3.30E+03 -4.46E-03
3.30E+03 1.88E-03
3.31E+03 6.70E-03
3.31E+03 4.68E-03
3.31E+03 -2.30E-03
3.31E+03 -6.78E-03
3.31E+03 -3.96E-03
3.31E+03 3.02E-03
3.31E+03 6.66E-03
3.31E+03 3.61E-03
3.31E+03 -2.50E-03
3.31E+03 -5.66E-03
3.32E+03 -3.48E-03
3.32E+03 1.96E-03
3.32E+03 5.74E-03
3.32E+03 3.81E-03
3.32E+03 -2.12E-03
3.32E+03 -5.26E-03
3.32E+03 -2.37E-03
3.32E+03 2.17E-03
3.32E+03 3.18E-03
3.32E+03 1.25E-03
3.33E+03 -2.14E-04
3.33E+03 -7.68E-04
3.33E+03 -1.68E-03
3.33E+03 -2.01E-03
3.33E+03 -3.14E-04
3.33E+03 2.32E-03
3.33E+03 3.33E-03
3.33E+03 1.33E-03
3.33E+03 -2.57E-03
3.33E+03 -4.73E-03
3.34E+03 -2.32E-03
3.34E+03 2.76E-03

3.34E+03	5.31E-03
3.34E+03	2.75E-03
3.34E+03	-2.28E-03
3.34E+03	-5.32E-03
3.34E+03	-4.02E-03
3.34E+03	9.54E-04
3.34E+03	5.73E-03
3.34E+03	5.32E-03
3.35E+03	-6.38E-04
3.35E+03	-6.27E-03
3.35E+03	-5.96E-03
3.35E+03	4.86E-05
3.35E+03	6.23E-03
3.35E+03	6.48E-03
3.35E+03	9.97E-05
3.35E+03	-6.68E-03
3.35E+03	-6.66E-03
3.35E+03	2.16E-04
3.36E+03	6.50E-03
3.36E+03	5.80E-03
3.36E+03	-3.77E-04
3.36E+03	-5.62E-03
3.36E+03	-5.47E-03
3.36E+03	-2.73E-04
3.36E+03	5.11E-03
3.36E+03	5.17E-03
3.36E+03	6.26E-05
3.36E+03	-4.55E-03
3.37E+03	-4.41E-03
3.37E+03	-4.47E-04
3.37E+03	3.52E-03
3.37E+03	4.01E-03
3.37E+03	4.96E-04
3.37E+03	-3.51E-03
3.37E+03	-3.41E-03
3.37E+03	5.08E-04
3.37E+03	2.96E-03
3.37E+03	1.30E-03
3.38E+03	-1.11E-03
3.38E+03	-1.12E-03
3.38E+03	-1.73E-04
3.38E+03	-6.04E-05
3.38E+03	8.41E-05
3.38E+03	7.72E-04
3.38E+03	6.22E-04
3.38E+03	-5.95E-04
3.38E+03	-1.25E-03

3.38E+03	-4.96E-04
3.39E+03	8.94E-04
3.39E+03	1.65E-03
3.39E+03	8.11E-04
3.39E+03	-1.38E-03
3.39E+03	-2.53E-03
3.39E+03	-6.63E-04
3.39E+03	2.43E-03
3.39E+03	2.92E-03
3.39E+03	1.53E-04
3.39E+03	-2.68E-03
3.40E+03	-2.67E-03
3.40E+03	1.04E-04
3.40E+03	2.96E-03
3.40E+03	2.99E-03
3.40E+03	-1.56E-04
3.40E+03	-3.19E-03
3.40E+03	-2.69E-03
3.40E+03	7.30E-04
3.40E+03	3.38E-03
3.40E+03	2.84E-03
3.41E+03	-1.02E-04
3.41E+03	-3.14E-03
3.41E+03	-3.63E-03
3.41E+03	-2.11E-04
3.41E+03	4.56E-03
3.41E+03	5.24E-03
3.41E+03	1.32E-04
3.41E+03	-5.69E-03
3.41E+03	-5.83E-03
3.41E+03	5.19E-04
3.42E+03	7.33E-03
3.42E+03	7.07E-03
3.42E+03	-9.52E-04
3.42E+03	-8.66E-03
3.42E+03	-7.53E-03
3.42E+03	2.02E-03
3.42E+03	1.04E-02
3.42E+03	8.46E-03
3.42E+03	-2.81E-03
3.42E+03	-1.21E-02
3.43E+03	-9.05E-03
3.43E+03	4.52E-03
3.43E+03	1.45E-02
3.43E+03	8.85E-03
3.43E+03	-6.86E-03
3.43E+03	-1.50E-02

3.43E+03	-6.95E-03
3.43E+03	7.59E-03
3.43E+03	1.37E-02
3.43E+03	6.27E-03
3.44E+03	-6.51E-03
3.44E+03	-1.25E-02
3.44E+03	-6.70E-03
3.44E+03	5.22E-03
3.44E+03	1.21E-02
3.44E+03	7.31E-03
3.44E+03	-4.71E-03
3.44E+03	-1.20E-02
3.44E+03	-7.36E-03
3.44E+03	4.27E-03
3.45E+03	1.12E-02
3.45E+03	6.87E-03
3.45E+03	-3.45E-03
3.45E+03	-9.56E-03
3.45E+03	-7.18E-03
3.45E+03	8.30E-04
3.45E+03	8.38E-03
3.45E+03	9.04E-03
3.45E+03	1.04E-03
3.45E+03	-8.83E-03
3.46E+03	-1.06E-02
3.46E+03	-1.64E-03
3.46E+03	8.86E-03
3.46E+03	1.01E-02
3.46E+03	1.65E-03
3.46E+03	-7.49E-03
3.46E+03	-9.04E-03
3.46E+03	-2.64E-03
3.46E+03	5.20E-03
3.46E+03	7.87E-03
3.47E+03	4.21E-03
3.47E+03	-2.70E-03
3.47E+03	-8.16E-03
3.47E+03	-6.94E-03
3.47E+03	1.78E-03
3.47E+03	9.95E-03
3.47E+03	8.05E-03
3.47E+03	-2.88E-03
3.47E+03	-1.10E-02
3.47E+03	-7.63E-03
3.48E+03	2.95E-03
3.48E+03	1.02E-02
3.48E+03	8.00E-03

3.48E+03	-1.43E-03
3.48E+03	-1.02E-02
3.48E+03	-9.86E-03
3.48E+03	4.04E-04
3.48E+03	1.08E-02
3.48E+03	1.07E-02
3.48E+03	-2.44E-04
3.49E+03	-1.10E-02
3.49E+03	-1.04E-02
3.49E+03	3.45E-04
3.49E+03	9.46E-03
3.49E+03	8.62E-03
3.49E+03	4.88E-04
3.49E+03	-6.55E-03
3.49E+03	-7.50E-03
3.49E+03	-2.98E-03
3.49E+03	3.96E-03
3.50E+03	8.50E-03
3.50E+03	5.40E-03
3.50E+03	-4.00E-03
3.50E+03	-9.81E-03
3.50E+03	-5.24E-03
3.50E+03	4.61E-03
3.50E+03	9.32E-03
3.50E+03	4.83E-03
3.50E+03	-3.65E-03
3.50E+03	-8.20E-03
3.51E+03	-5.23E-03
3.51E+03	2.65E-03
3.51E+03	8.39E-03
3.51E+03	5.92E-03
3.51E+03	-2.79E-03
3.51E+03	-8.19E-03
3.51E+03	-4.21E-03
3.51E+03	4.12E-03
3.51E+03	6.77E-03
3.51E+03	1.23E-03
3.52E+03	-4.46E-03
3.52E+03	-2.69E-03
3.52E+03	2.85E-03
3.52E+03	2.97E-03
3.52E+03	-2.41E-03
3.52E+03	-3.85E-03
3.52E+03	1.85E-03
3.52E+03	5.68E-03
3.52E+03	1.16E-03
3.52E+03	-4.87E-03

3.53E+03	-3.58E-03
3.53E+03	2.03E-03
3.53E+03	3.73E-03
3.53E+03	1.14E-03
3.53E+03	-8.03E-04
3.53E+03	-1.28E-03
3.53E+03	-1.72E-03
3.53E+03	-7.42E-04
3.53E+03	2.16E-03
3.53E+03	3.05E-03
3.54E+03	-3.15E-04
3.54E+03	-3.22E-03
3.54E+03	-1.11E-03
3.54E+03	2.78E-03
3.54E+03	2.02E-03
3.54E+03	-2.88E-03
3.54E+03	-4.05E-03
3.54E+03	2.08E-03
3.54E+03	7.50E-03
3.54E+03	2.58E-03
3.55E+03	-8.04E-03
3.55E+03	-9.24E-03
3.55E+03	2.20E-03
3.55E+03	1.11E-02
3.55E+03	6.12E-03
3.55E+03	-5.08E-03
3.55E+03	-8.82E-03
3.55E+03	-3.71E-03
3.55E+03	2.70E-03
3.55E+03	5.84E-03
3.56E+03	5.37E-03
3.56E+03	6.49E-04
3.56E+03	-6.47E-03
3.56E+03	-8.77E-03
3.56E+03	-1.64E-03
3.56E+03	8.68E-03
3.56E+03	1.07E-02
3.56E+03	9.99E-04
3.56E+03	-1.08E-02
3.56E+03	-1.15E-02
3.57E+03	-1.40E-04
3.57E+03	1.09E-02
3.57E+03	1.10E-02
3.57E+03	1.36E-03
3.57E+03	-9.30E-03
3.57E+03	-1.27E-02
3.57E+03	-5.09E-03

3.57E+03	8.98E-03
3.57E+03	1.65E-02
3.57E+03	7.02E-03
3.58E+03	-1.13E-02
3.58E+03	-1.80E-02
3.58E+03	-5.90E-03
3.58E+03	1.09E-02
3.58E+03	1.61E-02
3.58E+03	6.71E-03
3.58E+03	-7.92E-03
3.58E+03	-1.56E-02
3.58E+03	-9.67E-03
3.58E+03	5.90E-03
3.59E+03	1.68E-02
3.59E+03	1.13E-02
3.59E+03	-5.33E-03
3.59E+03	-1.66E-02
3.59E+03	-1.26E-02
3.59E+03	2.95E-03
3.59E+03	1.70E-02
3.59E+03	1.54E-02
3.59E+03	-2.42E-03
3.59E+03	-1.85E-02
3.60E+03	-1.61E-02
3.60E+03	2.02E-03
3.60E+03	1.77E-02
3.60E+03	1.69E-02
3.60E+03	2.71E-04
3.60E+03	-1.80E-02
3.60E+03	-1.97E-02
3.60E+03	-2.34E-04
3.60E+03	2.05E-02
3.60E+03	1.85E-02
3.61E+03	-2.68E-03
3.61E+03	-1.79E-02
3.61E+03	-1.39E-02
3.61E+03	5.04E-04
3.61E+03	1.22E-02
3.61E+03	1.43E-02
3.61E+03	4.73E-03
3.61E+03	-1.04E-02
3.61E+03	-1.66E-02
3.61E+03	-6.44E-03
3.62E+03	1.02E-02
3.62E+03	1.69E-02
3.62E+03	8.44E-03
3.62E+03	-7.95E-03

3.62E+03	-1.82E-02
3.62E+03	-1.10E-02
3.62E+03	8.60E-03
3.62E+03	2.01E-02
3.62E+03	1.13E-02
3.62E+03	-7.86E-03
3.63E+03	-1.94E-02
3.63E+03	-1.31E-02
3.63E+03	6.54E-03
3.63E+03	2.21E-02
3.63E+03	1.58E-02
3.63E+03	-8.61E-03
3.63E+03	-2.47E-02
3.63E+03	-1.30E-02
3.63E+03	1.21E-02
3.63E+03	2.19E-02
3.64E+03	9.33E-03
3.64E+03	-9.61E-03
3.64E+03	-1.76E-02
3.64E+03	-9.22E-03
3.64E+03	7.21E-03
3.64E+03	1.58E-02
3.64E+03	8.75E-03
3.64E+03	-5.37E-03
3.64E+03	-1.24E-02
3.64E+03	-7.60E-03
3.65E+03	2.31E-03
3.65E+03	9.01E-03
3.65E+03	8.25E-03
3.65E+03	6.73E-04
3.65E+03	-7.15E-03
3.65E+03	-7.90E-03
3.65E+03	-2.35E-03
3.65E+03	3.86E-03
3.65E+03	7.48E-03
3.65E+03	6.15E-03
3.66E+03	-1.92E-03
3.66E+03	-1.03E-02
3.66E+03	-7.79E-03
3.66E+03	4.24E-03
3.66E+03	1.07E-02
3.66E+03	4.25E-03
3.66E+03	-4.80E-03
3.66E+03	-6.34E-03
3.66E+03	-2.74E-03
3.66E+03	1.05E-03
3.67E+03	4.07E-03

3.67E+03	4.42E-03
3.67E+03	1.42E-04
3.67E+03	-4.60E-03
3.67E+03	-4.07E-03
3.67E+03	2.31E-04
3.67E+03	3.05E-03
3.67E+03	3.05E-03
3.67E+03	1.01E-03
3.67E+03	-2.41E-03
3.68E+03	-3.79E-03
3.68E+03	-5.15E-04
3.68E+03	2.86E-03
3.68E+03	1.47E-03
3.68E+03	-8.77E-04
3.68E+03	3.16E-04
3.68E+03	8.33E-04
3.68E+03	-2.36E-03
3.68E+03	-2.82E-03
3.68E+03	1.96E-03
3.69E+03	3.59E-03
3.69E+03	-6.39E-04
3.69E+03	-2.12E-03
3.69E+03	8.86E-04
3.69E+03	5.18E-04
3.69E+03	-3.05E-03
3.69E+03	-1.43E-03
3.69E+03	4.02E-03
3.69E+03	3.59E-03
3.69E+03	-2.41E-03
3.70E+03	-4.41E-03
3.70E+03	-5.77E-04
3.70E+03	2.77E-03
3.70E+03	2.39E-03
3.70E+03	-5.16E-04
3.70E+03	-3.01E-03
3.70E+03	-1.17E-03
3.70E+03	3.34E-03
3.70E+03	2.59E-03
3.70E+03	-3.67E-03
3.71E+03	-4.75E-03
3.71E+03	2.61E-03
3.71E+03	6.46E-03
3.71E+03	2.88E-04
3.71E+03	-5.28E-03
3.71E+03	-2.75E-03
3.71E+03	6.15E-04
3.71E+03	9.40E-04

3.71E+03	3.71E-03
3.71E+03	5.89E-03
3.72E+03	-1.78E-03
3.72E+03	-1.19E-02
3.72E+03	-6.84E-03
3.72E+03	9.62E-03
3.72E+03	1.50E-02
3.72E+03	1.89E-03
3.72E+03	-1.32E-02
3.72E+03	-1.33E-02
3.72E+03	1.50E-03
3.72E+03	1.50E-02
3.73E+03	1.11E-02
3.73E+03	-5.77E-03
3.73E+03	-1.39E-02
3.73E+03	-4.20E-03
3.73E+03	7.09E-03
3.73E+03	6.11E-03
3.73E+03	1.33E-03
3.73E+03	1.35E-03
3.73E+03	-1.59E-03
3.73E+03	-8.70E-03
3.74E+03	-5.63E-03
3.74E+03	8.46E-03
3.74E+03	1.31E-02
3.74E+03	2.46E-04
3.74E+03	-1.16E-02
3.74E+03	-7.83E-03
3.74E+03	2.49E-03
3.74E+03	7.18E-03
3.74E+03	5.98E-03
3.74E+03	1.21E-03
3.75E+03	-4.78E-03
3.75E+03	-6.63E-03
3.75E+03	-3.38E-03
3.75E+03	1.87E-03
3.75E+03	8.30E-03
3.75E+03	1.04E-02
3.75E+03	-1.17E-03
3.75E+03	-1.75E-02
3.75E+03	-1.35E-02
3.75E+03	1.12E-02
3.76E+03	2.24E-02
3.76E+03	3.94E-03
3.76E+03	-1.59E-02
3.76E+03	-1.28E-02
3.76E+03	4.95E-05

3.76E+03	5.70E-03
3.76E+03	8.41E-03
3.76E+03	1.00E-02
3.76E+03	5.90E-04
3.76E+03	-1.58E-02
3.77E+03	-1.77E-02
3.77E+03	1.52E-03
3.77E+03	2.16E-02
3.77E+03	2.07E-02
3.77E+03	-2.68E-03
3.77E+03	-2.71E-02
3.77E+03	-2.43E-02
3.77E+03	7.27E-03
3.77E+03	3.19E-02
3.77E+03	2.05E-02
3.78E+03	-1.08E-02
3.78E+03	-2.73E-02
3.78E+03	-1.86E-02
3.78E+03	3.88E-03
3.78E+03	2.53E-02
3.78E+03	2.67E-02
3.78E+03	-1.70E-03
3.78E+03	-3.37E-02
3.78E+03	-2.84E-02
3.78E+03	1.07E-02
3.79E+03	3.47E-02
3.79E+03	1.73E-02
3.79E+03	-1.39E-02
3.79E+03	-2.36E-02
3.79E+03	-1.08E-02
3.79E+03	6.71E-03
3.79E+03	1.58E-02
3.79E+03	1.09E-02
3.79E+03	-2.35E-03
3.79E+03	-1.10E-02
3.80E+03	-9.83E-03
3.80E+03	-2.59E-03
3.80E+03	6.48E-03
3.80E+03	1.15E-02
3.80E+03	6.07E-03
3.80E+03	-6.45E-03
3.80E+03	-1.20E-02
3.80E+03	-4.28E-03
3.80E+03	5.08E-03
3.80E+03	5.73E-03
3.81E+03	4.37E-03
3.81E+03	4.56E-03

3.81E+03	-3.31E-03
3.81E+03	-1.48E-02
3.81E+03	-8.79E-03
3.81E+03	1.27E-02
3.81E+03	1.87E-02
3.81E+03	-6.71E-04
3.81E+03	-1.62E-02
3.81E+03	-8.50E-03
3.82E+03	5.16E-03
3.82E+03	6.60E-03
3.82E+03	1.86E-03
3.82E+03	5.87E-04
3.82E+03	6.36E-04
3.82E+03	-1.93E-03
3.82E+03	-5.12E-03
3.82E+03	-4.59E-03
3.82E+03	2.30E-03
3.82E+03	9.99E-03
3.83E+03	7.31E-03
3.83E+03	-6.13E-03
3.83E+03	-1.32E-02
3.83E+03	-3.04E-03
3.83E+03	9.11E-03
3.83E+03	7.43E-03
3.83E+03	2.62E-04
3.83E+03	-1.56E-03
3.83E+03	-4.12E-03
3.83E+03	-7.98E-03
3.84E+03	-6.06E-04
3.84E+03	1.28E-02
3.84E+03	9.52E-03
3.84E+03	-8.46E-03
3.84E+03	-1.42E-02
3.84E+03	-9.22E-04
3.84E+03	1.16E-02
3.84E+03	1.02E-02
3.84E+03	-1.45E-03
3.84E+03	-1.24E-02
3.85E+03	-1.04E-02
3.85E+03	5.47E-03
3.85E+03	1.66E-02
3.85E+03	6.92E-03
3.85E+03	-1.09E-02
3.85E+03	-1.31E-02
3.85E+03	-1.40E-03
3.85E+03	7.28E-03
3.85E+03	9.42E-03

3.85E+03	5.79E-03
3.86E+03	-6.19E-03
3.86E+03	-1.40E-02
3.86E+03	-1.94E-03
3.86E+03	1.38E-02
3.86E+03	6.93E-03
3.86E+03	-9.95E-03
3.86E+03	-7.34E-03
3.86E+03	7.43E-03
3.86E+03	7.73E-03
3.86E+03	-3.67E-03
3.87E+03	-7.43E-03
3.87E+03	-3.30E-03
3.87E+03	1.06E-03
3.87E+03	8.08E-03
3.87E+03	1.18E-02
3.87E+03	-2.09E-03
3.87E+03	-2.09E-02
3.87E+03	-1.40E-02
3.87E+03	1.43E-02
3.87E+03	2.60E-02
3.88E+03	7.20E-03
3.88E+03	-1.86E-02
3.88E+03	-2.68E-02
3.88E+03	-8.68E-03
3.88E+03	2.43E-02
3.88E+03	3.58E-02
3.88E+03	2.21E-03
3.88E+03	-3.95E-02
3.88E+03	-3.22E-02
3.88E+03	1.55E-02
3.89E+03	3.99E-02
3.89E+03	1.54E-02
3.89E+03	-2.02E-02
3.89E+03	-2.83E-02
3.89E+03	-8.62E-03
3.89E+03	1.71E-02
3.89E+03	2.43E-02
3.89E+03	3.56E-03
3.89E+03	-2.10E-02
3.89E+03	-1.69E-02
3.90E+03	7.94E-03
3.90E+03	1.68E-02
3.90E+03	2.70E-03
3.90E+03	-8.52E-03
3.90E+03	-5.76E-03
3.90E+03	-6.52E-04

3.90E+03	1.98E-03
3.90E+03	5.76E-03
3.90E+03	4.79E-03
3.90E+03	-5.44E-03
3.91E+03	-1.10E-02
3.91E+03	-2.26E-04
3.91E+03	1.25E-02
3.91E+03	8.46E-03
3.91E+03	-7.14E-03
3.91E+03	-1.39E-02
3.91E+03	-2.51E-03
3.91E+03	1.17E-02
3.91E+03	8.41E-03
3.91E+03	-6.15E-03
3.92E+03	-7.23E-03
3.92E+03	6.07E-03
3.92E+03	7.12E-03
3.92E+03	-1.05E-02
3.92E+03	-1.71E-02
3.92E+03	5.17E-03
3.92E+03	2.78E-02
3.92E+03	1.53E-02
3.92E+03	-1.98E-02
3.92E+03	-3.25E-02
3.93E+03	-6.80E-03
3.93E+03	2.50E-02
3.93E+03	2.59E-02
3.93E+03	2.71E-04
3.93E+03	-1.74E-02
3.93E+03	-1.40E-02
3.93E+03	-5.73E-03
3.93E+03	9.15E-04
3.93E+03	1.50E-02
3.93E+03	2.35E-02
3.94E+03	2.00E-03
3.94E+03	-3.21E-02
3.94E+03	-3.06E-02
3.94E+03	1.28E-02
3.94E+03	4.50E-02
3.94E+03	2.41E-02
3.94E+03	-2.62E-02
3.94E+03	-4.74E-02
3.94E+03	-1.65E-02
3.94E+03	3.08E-02
3.95E+03	4.42E-02
3.95E+03	1.51E-02
3.95E+03	-2.26E-02

3.95E+03	-3.82E-02
3.95E+03	-2.76E-02
3.95E+03	5.24E-03
3.95E+03	4.55E-02
3.95E+03	5.09E-02
3.95E+03	-1.65E-03
3.95E+03	-6.06E-02
3.96E+03	-5.53E-02
3.96E+03	7.17E-03
3.96E+03	5.69E-02
3.96E+03	5.05E-02
3.96E+03	3.81E-03
3.96E+03	-4.53E-02
3.96E+03	-5.93E-02
3.96E+03	-1.65E-02
3.96E+03	4.79E-02
3.96E+03	6.47E-02
3.97E+03	1.84E-02
3.97E+03	-4.15E-02
3.97E+03	-6.55E-02
3.97E+03	-3.26E-02
3.97E+03	4.02E-02
3.97E+03	8.22E-02
3.97E+03	3.33E-02
3.97E+03	-5.87E-02
3.97E+03	-7.97E-02
3.97E+03	-7.55E-03
3.98E+03	5.84E-02
3.98E+03	4.82E-02
3.98E+03	-1.29E-03
3.98E+03	-3.45E-02
3.98E+03	-3.56E-02
3.98E+03	-3.64E-03
3.98E+03	3.42E-02
3.98E+03	2.79E-02
3.98E+03	-1.66E-02
3.98E+03	-3.11E-02
3.99E+03	2.91E-03
3.99E+03	2.51E-02
3.99E+03	4.91E-03
3.99E+03	-1.70E-02
3.99E+03	-1.23E-02
3.99E+03	4.52E-03
3.99E+03	1.98E-02
3.99E+03	1.59E-02
3.99E+03	-1.99E-02
3.99E+03	-4.28E-02

4.00E+03	-2.50E-04
4.00E+03	5.93E-02
4.00E+03	3.81E-02
4.00E+03	-4.40E-02
4.00E+03	-6.34E-02
4.00E+03	1.88E-03
4.00E+03	4.63E-02
4.00E+03	2.71E-02
4.00E+03	9.64E-05
4.00E+03	-1.45E-02
4.01E+03	-3.03E-02
4.01E+03	-2.25E-02
4.01E+03	2.08E-02
4.01E+03	4.41E-02
4.01E+03	1.10E-02
4.01E+03	-3.23E-02
4.01E+03	-3.71E-02
4.01E+03	-5.77E-03
4.01E+03	3.73E-02
4.01E+03	5.01E-02
4.02E+03	-2.70E-03
4.02E+03	-6.73E-02
4.02E+03	-4.78E-02
4.02E+03	3.51E-02
4.02E+03	6.31E-02
4.02E+03	1.12E-02
4.02E+03	-2.02E-02
4.02E+03	-3.91E-03
4.02E+03	-2.43E-02
4.02E+03	-6.30E-02
4.03E+03	-1.73E-03
4.03E+03	1.07E-01
4.03E+03	8.11E-02
4.03E+03	-6.62E-02
4.03E+03	-1.25E-01
4.03E+03	-2.02E-02
4.03E+03	9.19E-02
4.03E+03	7.33E-02
4.03E+03	-2.57E-02
4.03E+03	-7.64E-02
4.04E+03	-2.79E-02
4.04E+03	5.84E-02
4.04E+03	6.88E-02
4.04E+03	-2.14E-02
4.04E+03	-8.97E-02
4.04E+03	-4.31E-02
4.04E+03	4.92E-02

4.04E+03	8.52E-02
4.04E+03	5.48E-02
4.04E+03	-2.24E-02
4.05E+03	-1.26E-01
4.05E+03	-1.38E-01
4.05E+03	5.15E-02
4.05E+03	2.54E-01
4.05E+03	1.49E-01
4.05E+03	-1.81E-01
4.05E+03	-2.97E-01
4.05E+03	-4.85E-02
4.05E+03	2.30E-01
4.05E+03	2.25E-01
4.06E+03	7.61E-03
4.06E+03	-1.76E-01
4.06E+03	-1.88E-01
4.06E+03	-3.18E-02
4.06E+03	1.52E-01
4.06E+03	1.68E-01
4.06E+03	9.55E-03
4.06E+03	-1.19E-01
4.06E+03	-9.59E-02
4.06E+03	3.79E-03
4.07E+03	6.61E-02
4.07E+03	3.31E-02
4.07E+03	-5.03E-02
4.07E+03	-4.34E-02
4.07E+03	1.06E-01
4.07E+03	1.63E-01
4.07E+03	-9.11E-02
4.07E+03	-3.42E-01
4.07E+03	-1.16E-01
4.07E+03	3.47E-01
4.08E+03	3.74E-01
4.08E+03	-7.48E-02
4.08E+03	-3.95E-01
4.08E+03	-2.50E-01
4.08E+03	1.05E-01
4.08E+03	2.98E-01
4.08E+03	2.10E-01
4.08E+03	-4.69E-02
4.08E+03	-2.39E-01
4.08E+03	-1.70E-01
4.09E+03	3.93E-02
4.09E+03	6.58E-02
4.09E+03	1.78E-02
4.09E+03	9.90E-02

4.09E+03	2.70E-01
4.09E+03	1.61E-01
4.09E+03	-4.25E-01
4.09E+03	-1.02E+00
4.09E+03	-1.24E-01
4.09E+03	2.14E+00
4.10E+03	1.35E+00
4.10E+03	-2.40E+00
4.10E+03	-1.83E+00
4.10E+03	1.66E+00
4.10E+03	1.51E+00
4.10E+03	-3.24E-01
4.10E+03	-7.94E-01
4.10E+03	-3.09E-01
4.10E+03	1.21E-01
4.10E+03	1.80E-01
4.11E+03	5.10E-02
4.11E+03	4.34E-02
4.11E+03	1.30E-01
4.11E+03	4.14E-02
4.11E+03	-1.91E-01
4.11E+03	-2.50E-01
4.11E+03	-5.14E-02
4.11E+03	2.15E-01
4.11E+03	3.16E-01
4.11E+03	1.11E-01
4.12E+03	-2.76E-01
4.12E+03	-4.04E-01
4.12E+03	-3.51E-02
4.12E+03	3.92E-01
4.12E+03	2.97E-01
4.12E+03	-1.51E-01
4.12E+03	-2.96E-01
4.12E+03	-4.12E-02
4.12E+03	1.43E-01
4.12E+03	6.14E-02
4.13E+03	-5.29E-02
4.13E+03	-3.29E-02
4.13E+03	5.02E-02
4.13E+03	7.59E-02
4.13E+03	1.40E-03
4.13E+03	-1.13E-01
4.13E+03	-1.31E-01
4.13E+03	1.55E-02
4.13E+03	1.78E-01
4.13E+03	1.55E-01
4.14E+03	-2.93E-02

4.14E+03	-1.91E-01
4.14E+03	-1.88E-01
4.14E+03	5.74E-03
4.14E+03	2.41E-01
4.14E+03	2.33E-01
4.14E+03	-6.88E-02
4.14E+03	-3.02E-01
4.14E+03	-1.55E-01
4.14E+03	1.59E-01
4.15E+03	2.27E-01
4.15E+03	3.43E-02
4.15E+03	-1.20E-01
4.15E+03	-1.08E-01
4.15E+03	-2.78E-02
4.15E+03	4.51E-02
4.15E+03	8.50E-02
4.15E+03	4.84E-02
4.15E+03	-4.80E-02
4.15E+03	-8.58E-02
4.16E+03	-9.45E-03
4.16E+03	7.17E-02
4.16E+03	4.93E-02
4.16E+03	-3.71E-02
4.16E+03	-7.91E-02
4.16E+03	-1.89E-02
4.16E+03	8.58E-02
4.16E+03	9.32E-02
4.16E+03	-3.39E-02
4.16E+03	-1.30E-01
4.17E+03	-5.25E-02
4.17E+03	8.69E-02
4.17E+03	9.09E-02
4.17E+03	-9.54E-03
4.17E+03	-4.53E-02
4.17E+03	-1.28E-02
4.17E+03	-1.63E-02
4.17E+03	-3.09E-02
4.17E+03	1.82E-02
4.17E+03	6.98E-02
4.18E+03	2.89E-02
4.18E+03	-5.26E-02
4.18E+03	-6.01E-02
4.18E+03	3.33E-03
4.18E+03	4.62E-02
4.18E+03	3.35E-02
4.18E+03	-5.96E-03
4.18E+03	-3.85E-02

4.18E+03	-3.09E-02
4.18E+03	1.60E-02
4.19E+03	4.38E-02
4.19E+03	1.63E-02
4.19E+03	-2.09E-02
4.19E+03	-2.63E-02
4.19E+03	-1.89E-02
4.19E+03	-4.59E-03
4.19E+03	3.43E-02
4.19E+03	5.14E-02
4.19E+03	-7.39E-03
4.19E+03	-6.86E-02
4.20E+03	-3.33E-02
4.20E+03	4.49E-02
4.20E+03	5.02E-02
4.20E+03	-8.79E-03
4.20E+03	-3.82E-02
4.20E+03	-1.26E-02
4.20E+03	1.55E-02
4.20E+03	1.70E-02
4.20E+03	3.49E-03
4.20E+03	-1.45E-02
4.21E+03	-1.63E-02
4.21E+03	1.11E-02
4.21E+03	2.58E-02
4.21E+03	-5.24E-03
4.21E+03	-3.45E-02
4.21E+03	-1.01E-02
4.21E+03	3.27E-02
4.21E+03	3.22E-02
4.21E+03	-5.76E-03
4.21E+03	-3.67E-02
4.22E+03	-3.83E-02
4.22E+03	-1.08E-03
4.22E+03	5.60E-02
4.22E+03	6.12E-02
4.22E+03	-1.54E-02
4.22E+03	-8.42E-02
4.22E+03	-5.33E-02
4.22E+03	3.73E-02
4.22E+03	7.87E-02
4.22E+03	3.72E-02
4.23E+03	-3.02E-02
4.23E+03	-6.40E-02
4.23E+03	-4.32E-02
4.23E+03	1.80E-02
4.23E+03	6.52E-02

4.23E+03	4.66E-02
4.23E+03	-1.60E-02
4.23E+03	-5.68E-02
4.23E+03	-4.65E-02
4.23E+03	4.15E-04
4.24E+03	5.08E-02
4.24E+03	5.92E-02
4.24E+03	6.58E-03
4.24E+03	-5.64E-02
4.24E+03	-5.84E-02
4.24E+03	-7.34E-04
4.24E+03	4.66E-02
4.24E+03	4.22E-02
4.24E+03	8.35E-03
4.24E+03	-2.34E-02
4.25E+03	-3.88E-02
4.25E+03	-2.56E-02
4.25E+03	1.43E-02
4.25E+03	4.51E-02
4.25E+03	3.05E-02
4.25E+03	-1.78E-02
4.25E+03	-4.71E-02
4.25E+03	-2.41E-02
4.25E+03	2.57E-02
4.25E+03	4.35E-02
4.26E+03	9.12E-03
4.26E+03	-3.09E-02
4.26E+03	-2.82E-02
4.26E+03	3.31E-03
4.26E+03	2.00E-02
4.26E+03	1.32E-02
4.26E+03	4.03E-03
4.26E+03	-3.19E-03
4.26E+03	-1.59E-02
4.26E+03	-2.01E-02
4.27E+03	9.86E-04
4.27E+03	2.81E-02
4.27E+03	2.50E-02
4.27E+03	-8.38E-03
4.27E+03	-3.23E-02
4.27E+03	-1.72E-02
4.27E+03	1.66E-02
4.27E+03	2.50E-02
4.27E+03	1.93E-03
4.27E+03	-1.57E-02
4.28E+03	-5.85E-03
4.28E+03	8.48E-03

4.28E+03	2.84E-03
4.28E+03	-9.42E-03
4.28E+03	-4.30E-03
4.28E+03	1.05E-02
4.28E+03	1.12E-02
4.28E+03	-3.88E-03
4.28E+03	-1.38E-02
4.28E+03	-5.55E-03
4.29E+03	9.68E-03
4.29E+03	1.15E-02
4.29E+03	-1.96E-03
4.29E+03	-1.03E-02
4.29E+03	-3.59E-03
4.29E+03	4.67E-03
4.29E+03	4.79E-03
4.29E+03	2.80E-03
4.29E+03	-3.14E-05
4.29E+03	-7.61E-03
4.30E+03	-9.36E-03
4.30E+03	5.65E-03
4.30E+03	1.89E-02
4.30E+03	5.31E-03
4.30E+03	-1.99E-02
4.30E+03	-1.99E-02
4.30E+03	6.24E-03
4.30E+03	2.51E-02
4.30E+03	1.67E-02
4.30E+03	-9.89E-03
4.31E+03	-3.06E-02
4.31E+03	-2.01E-02
4.31E+03	1.96E-02
4.31E+03	4.17E-02
4.31E+03	1.08E-02
4.31E+03	-3.57E-02
4.31E+03	-3.59E-02
4.31E+03	6.28E-03
4.31E+03	3.41E-02
4.31E+03	2.12E-02
4.32E+03	-8.86E-03
4.32E+03	-2.60E-02
4.32E+03	-1.78E-02
4.32E+03	8.90E-03
4.32E+03	2.59E-02
4.32E+03	1.11E-02
4.32E+03	-1.53E-02
4.32E+03	-1.79E-02
4.32E+03	-6.32E-05

4.32E+03	9.73E-03
4.33E+03	6.34E-03
4.33E+03	2.02E-03
4.33E+03	-3.17E-03
4.33E+03	-8.41E-03
4.33E+03	-2.11E-03
4.33E+03	9.47E-03
4.33E+03	4.76E-03
4.33E+03	-1.04E-02
4.33E+03	-7.84E-03
4.33E+03	1.01E-02
4.34E+03	1.25E-02
4.34E+03	-4.41E-03
4.34E+03	-1.35E-02
4.34E+03	-5.26E-03
4.34E+03	4.79E-03
4.34E+03	9.15E-03
4.34E+03	8.38E-03
4.34E+03	-1.95E-03
4.34E+03	-1.47E-02
4.34E+03	-1.03E-02
4.35E+03	8.36E-03
4.35E+03	1.59E-02
4.35E+03	3.74E-03
4.35E+03	-1.05E-02
4.35E+03	-1.17E-02
4.35E+03	-1.30E-03
4.35E+03	1.07E-02
4.35E+03	1.15E-02
4.35E+03	-2.82E-03
4.35E+03	-1.51E-02
4.36E+03	-6.52E-03
4.36E+03	1.05E-02
4.36E+03	1.09E-02
4.36E+03	-1.56E-03
4.36E+03	-6.33E-03
4.36E+03	-3.66E-03
4.36E+03	-3.45E-03
4.36E+03	-2.19E-04
4.36E+03	9.15E-03
4.36E+03	9.38E-03
4.37E+03	-4.46E-03
4.37E+03	-1.31E-02
4.37E+03	-4.92E-03
4.37E+03	7.17E-03
4.37E+03	8.90E-03
4.37E+03	2.17E-03

4.37E+03 -3.64E-03
4.37E+03 -4.22E-03
4.37E+03 -1.80E-03
4.37E+03 -3.31E-04
4.38E+03 -5.98E-04
4.38E+03 2.55E-03
4.38E+03 9.03E-03
4.38E+03 5.55E-03
4.38E+03 -1.09E-02
4.38E+03 -1.68E-02
4.38E+03 1.92E-03
4.38E+03 1.96E-02
4.38E+03 1.05E-02
4.38E+03 -9.19E-03
4.39E+03 -1.21E-02
4.39E+03 -2.46E-03
4.39E+03 2.44E-03
4.39E+03 3.61E-03
4.39E+03 7.55E-03
4.39E+03 6.18E-03
4.39E+03 -4.94E-03
4.39E+03 -1.24E-02
4.39E+03 -6.01E-03
4.39E+03 6.02E-03
4.40E+03 1.12E-02
4.40E+03 7.18E-03
4.40E+03 -1.43E-03
4.40E+03 -1.01E-02
4.40E+03 -1.21E-02
4.40E+03 -2.72E-03
4.40E+03 1.13E-02
4.40E+03 1.70E-02
4.40E+03 8.00E-03
4.40E+03 -1.18E-02
4.41E+03 -2.62E-02
4.41E+03 -1.38E-02
4.41E+03 2.07E-02
4.41E+03 3.59E-02
4.41E+03 7.62E-03
4.41E+03 -3.01E-02
4.41E+03 -3.13E-02
4.41E+03 -3.31E-05
4.41E+03 2.51E-02
4.41E+03 2.44E-02
4.42E+03 5.06E-03
4.42E+03 -1.87E-02
4.42E+03 -2.87E-02

4.42E+03	-1.02E-02
4.42E+03	2.25E-02
4.42E+03	3.13E-02
4.42E+03	4.89E-03
4.42E+03	-2.45E-02
4.42E+03	-2.52E-02
4.42E+03	-1.69E-03
4.43E+03	2.02E-02
4.43E+03	2.04E-02
4.43E+03	3.42E-04
4.43E+03	-1.70E-02
4.43E+03	-1.37E-02
4.43E+03	5.81E-04
4.43E+03	7.51E-03
4.43E+03	7.92E-03
4.43E+03	8.12E-03
4.43E+03	3.49E-04
4.44E+03	-1.55E-02
4.44E+03	-1.62E-02
4.44E+03	6.91E-03
4.44E+03	2.27E-02
4.44E+03	8.04E-03
4.44E+03	-1.44E-02
4.44E+03	-1.51E-02
4.44E+03	-1.91E-04
4.44E+03	8.64E-03
4.44E+03	7.17E-03
4.45E+03	2.53E-03
4.45E+03	-2.90E-03
4.45E+03	-6.79E-03
4.45E+03	-5.07E-03
4.45E+03	4.76E-04
4.45E+03	5.72E-03
4.45E+03	8.03E-03
4.45E+03	2.49E-03
4.45E+03	-9.30E-03
4.45E+03	-1.19E-02
4.46E+03	1.66E-03
4.46E+03	1.31E-02
4.46E+03	6.53E-03
4.46E+03	-6.00E-03
4.46E+03	-6.95E-03
4.46E+03	-1.49E-03
4.46E+03	-7.94E-04
4.46E+03	8.86E-04
4.46E+03	7.97E-03
4.46E+03	7.53E-03

4.47E+03	-5.97E-03
4.47E+03	-1.48E-02
4.47E+03	-4.75E-03
4.47E+03	1.20E-02
4.47E+03	1.45E-02
4.47E+03	7.41E-04
4.47E+03	-1.36E-02
4.47E+03	-1.28E-02
4.47E+03	2.97E-03
4.47E+03	1.51E-02
4.48E+03	8.01E-03
4.48E+03	-7.48E-03
4.48E+03	-1.01E-02
4.48E+03	-5.83E-04
4.48E+03	4.69E-03
4.48E+03	2.68E-03
4.48E+03	1.91E-03
4.48E+03	1.38E-03
4.48E+03	-3.49E-03
4.48E+03	-5.32E-03
4.49E+03	1.61E-03
4.49E+03	6.63E-03
4.49E+03	1.36E-03
4.49E+03	-4.84E-03
4.49E+03	-2.24E-03
4.49E+03	3.28E-03
4.49E+03	2.72E-03
4.49E+03	-1.57E-03
4.49E+03	-2.65E-03
4.49E+03	-5.29E-05
4.50E+03	2.85E-03
4.50E+03	3.06E-03
4.50E+03	-9.76E-04
4.50E+03	-4.68E-03
4.50E+03	-1.52E-03
4.50E+03	4.25E-03
4.50E+03	3.24E-03
4.50E+03	-1.87E-03
4.50E+03	-1.85E-03
4.50E+03	1.33E-03
4.51E+03	-3.93E-05
4.51E+03	-2.68E-03
4.51E+03	3.84E-04
4.51E+03	4.08E-03
4.51E+03	1.15E-03
4.51E+03	-2.80E-03
4.51E+03	-1.32E-03

4.51E+03	8.01E-04
4.51E+03	-6.29E-04
4.51E+03	-8.44E-04
4.52E+03	2.35E-03
4.52E+03	2.99E-03
4.52E+03	-1.02E-03
4.52E+03	-3.77E-03
4.52E+03	-2.18E-03
4.52E+03	7.83E-04
4.52E+03	3.10E-03
4.52E+03	3.49E-03
4.52E+03	1.16E-04
4.52E+03	-4.51E-03
4.53E+03	-4.51E-03
4.53E+03	3.21E-04
4.53E+03	4.18E-03
4.53E+03	4.13E-03
4.53E+03	1.67E-03
4.53E+03	-2.82E-03
4.53E+03	-7.46E-03
4.53E+03	-5.03E-03
4.53E+03	5.45E-03
4.53E+03	1.11E-02
4.54E+03	3.20E-03
4.54E+03	-8.22E-03
4.54E+03	-9.53E-03
4.54E+03	-1.75E-03
4.54E+03	5.37E-03
4.54E+03	7.26E-03
4.54E+03	4.51E-03
4.54E+03	-2.07E-03
4.54E+03	-8.34E-03
4.54E+03	-7.56E-03
4.55E+03	3.94E-04
4.55E+03	8.12E-03
4.55E+03	9.45E-03
4.55E+03	2.80E-03
4.55E+03	-8.05E-03
4.55E+03	-1.34E-02
4.55E+03	-5.68E-03
4.55E+03	9.17E-03
4.55E+03	1.61E-02
4.55E+03	7.22E-03
4.56E+03	-9.52E-03
4.56E+03	-1.84E-02
4.56E+03	-1.03E-02
4.56E+03	9.97E-03

4.56E+03	2.28E-02
4.56E+03	1.14E-02
4.56E+03	-1.45E-02
4.56E+03	-2.46E-02
4.56E+03	-7.62E-03
4.56E+03	1.57E-02
4.57E+03	2.11E-02
4.57E+03	6.31E-03
4.57E+03	-1.28E-02
4.57E+03	-1.95E-02
4.57E+03	-8.18E-03
4.57E+03	1.14E-02
4.57E+03	1.99E-02
4.57E+03	8.16E-03
4.57E+03	-1.09E-02
4.57E+03	-1.78E-02
4.58E+03	-8.23E-03
4.58E+03	7.88E-03
4.58E+03	1.69E-02
4.58E+03	1.03E-02
4.58E+03	-6.37E-03
4.58E+03	-1.64E-02
4.58E+03	-1.03E-02
4.58E+03	3.95E-03
4.58E+03	1.38E-02
4.58E+03	1.32E-02
4.59E+03	1.42E-03
4.59E+03	-1.47E-02
4.59E+03	-1.89E-02
4.59E+03	-2.09E-03
4.59E+03	1.95E-02
4.59E+03	2.02E-02
4.59E+03	-7.44E-04
4.59E+03	-1.92E-02
4.59E+03	-1.74E-02
4.59E+03	7.83E-05
4.60E+03	1.68E-02
4.60E+03	1.81E-02
4.60E+03	2.21E-03
4.60E+03	-1.60E-02
4.60E+03	-1.81E-02
4.60E+03	-1.96E-03
4.60E+03	1.52E-02
4.60E+03	1.68E-02
4.60E+03	3.35E-03
4.60E+03	-1.21E-02
4.61E+03	-1.65E-02

4.61E+03	-5.19E-03
4.61E+03	1.15E-02
4.61E+03	1.67E-02
4.61E+03	5.95E-03
4.61E+03	-9.14E-03
4.61E+03	-1.54E-02
4.61E+03	-8.24E-03
4.61E+03	6.69E-03
4.61E+03	1.67E-02
4.62E+03	1.11E-02
4.62E+03	-6.45E-03
4.62E+03	-1.81E-02
4.62E+03	-1.04E-02
4.62E+03	7.40E-03
4.62E+03	1.57E-02
4.62E+03	8.44E-03
4.62E+03	-4.54E-03
4.62E+03	-1.21E-02
4.62E+03	-9.43E-03
4.63E+03	1.20E-03
4.63E+03	1.12E-02
4.63E+03	1.09E-02
4.63E+03	-6.76E-04
4.63E+03	-1.16E-02
4.63E+03	-1.01E-02
4.63E+03	1.60E-03
4.63E+03	1.05E-02
4.63E+03	7.91E-03
4.63E+03	-1.97E-03
4.64E+03	-8.21E-03
4.64E+03	-5.93E-03
4.64E+03	2.82E-04
4.64E+03	4.81E-03
4.64E+03	6.18E-03
4.64E+03	3.29E-03
4.64E+03	-4.18E-03
4.64E+03	-9.68E-03
4.64E+03	-4.60E-03
4.64E+03	7.26E-03
4.65E+03	1.07E-02
4.65E+03	6.61E-04
4.65E+03	-9.45E-03
4.65E+03	-6.57E-03
4.65E+03	3.44E-03
4.65E+03	6.48E-03
4.65E+03	6.51E-04
4.65E+03	-4.09E-03

4.65E+03	-1.82E-03
4.65E+03	2.55E-03
4.66E+03	2.17E-03
4.66E+03	-1.96E-03
4.66E+03	-3.23E-03
4.66E+03	1.33E-04
4.66E+03	2.91E-03
4.66E+03	1.65E-03
4.66E+03	-7.43E-04
4.66E+03	-1.50E-03
4.66E+03	-1.68E-03
4.66E+03	-1.38E-03
4.67E+03	1.37E-03
4.67E+03	4.17E-03
4.67E+03	1.46E-03
4.67E+03	-4.47E-03
4.67E+03	-4.62E-03
4.67E+03	1.92E-03
4.67E+03	5.25E-03
4.67E+03	5.66E-04
4.67E+03	-4.10E-03
4.67E+03	-1.38E-03
4.68E+03	3.48E-03
4.68E+03	1.92E-03
4.68E+03	-3.93E-03
4.68E+03	-4.62E-03
4.68E+03	2.00E-03
4.68E+03	7.28E-03
4.68E+03	3.72E-03
4.68E+03	-4.90E-03
4.68E+03	-8.40E-03
4.68E+03	-2.64E-03
4.69E+03	5.97E-03
4.69E+03	8.31E-03
4.69E+03	2.69E-03
4.69E+03	-5.14E-03
4.69E+03	-8.35E-03
4.69E+03	-3.88E-03
4.69E+03	4.95E-03
4.69E+03	9.60E-03
4.69E+03	4.56E-03
4.69E+03	-5.41E-03
4.70E+03	-9.59E-03
4.70E+03	-3.67E-03
4.70E+03	5.25E-03
4.70E+03	8.26E-03
4.70E+03	4.39E-03

4.70E+03	-2.29E-03
4.70E+03	-7.51E-03
4.70E+03	-7.08E-03
4.70E+03	4.41E-04
4.70E+03	9.24E-03
4.71E+03	1.00E-02
4.71E+03	4.09E-04
4.71E+03	-1.05E-02
4.71E+03	-1.09E-02
4.71E+03	9.52E-05
4.71E+03	1.09E-02
4.71E+03	1.08E-02
4.71E+03	5.15E-04
4.71E+03	-9.44E-03
4.71E+03	-9.88E-03
4.72E+03	-1.43E-03
4.72E+03	7.98E-03
4.72E+03	1.04E-02
4.72E+03	3.04E-03
4.72E+03	-7.80E-03
4.72E+03	-1.08E-02
4.72E+03	-2.23E-03
4.72E+03	8.28E-03
4.72E+03	9.54E-03
4.72E+03	1.60E-03
4.73E+03	-6.47E-03
4.73E+03	-7.83E-03
4.73E+03	-2.95E-03
4.73E+03	3.99E-03
4.73E+03	8.18E-03
4.73E+03	5.65E-03
4.73E+03	-2.62E-03
4.73E+03	-9.40E-03
4.73E+03	-7.69E-03
4.73E+03	1.91E-03
4.74E+03	1.05E-02
4.74E+03	8.80E-03
4.74E+03	-1.96E-03
4.74E+03	-1.05E-02
4.74E+03	-8.48E-03
4.74E+03	1.07E-03
4.74E+03	8.71E-03
4.74E+03	8.34E-03
4.74E+03	1.12E-03
4.74E+03	-7.17E-03
4.75E+03	-9.92E-03
4.75E+03	-3.48E-03

4.75E+03	7.29E-03
4.75E+03	1.14E-02
4.75E+03	3.93E-03
4.75E+03	-7.74E-03
4.75E+03	-1.20E-02
4.75E+03	-4.46E-03
4.75E+03	7.52E-03
4.75E+03	1.21E-02
4.76E+03	5.04E-03
4.76E+03	-6.92E-03
4.76E+03	-1.27E-02
4.76E+03	-6.55E-03
4.76E+03	6.62E-03
4.76E+03	1.40E-02
4.76E+03	7.18E-03
4.76E+03	-7.78E-03
4.76E+03	-1.51E-02
4.76E+03	-6.11E-03
4.77E+03	9.31E-03
4.77E+03	1.39E-02
4.77E+03	3.61E-03
4.77E+03	-9.24E-03
4.77E+03	-1.17E-02
4.77E+03	-2.46E-03
4.77E+03	8.30E-03
4.77E+03	9.88E-03
4.77E+03	1.47E-03
4.77E+03	-7.67E-03
4.78E+03	-8.37E-03
4.78E+03	-7.66E-04
4.78E+03	6.79E-03
4.78E+03	6.78E-03
4.78E+03	1.23E-04
4.78E+03	-5.88E-03
4.78E+03	-5.50E-03
4.78E+03	1.82E-04
4.78E+03	4.90E-03
4.78E+03	4.05E-03
4.79E+03	-3.92E-04
4.79E+03	-3.50E-03
4.79E+03	-3.14E-03
4.79E+03	-3.08E-04
4.79E+03	2.71E-03
4.79E+03	3.31E-03
4.79E+03	5.48E-04
4.79E+03	-2.86E-03
4.79E+03	-3.16E-03

4.79E+03	-8.21E-05
4.80E+03	2.94E-03
4.80E+03	2.87E-03
4.80E+03	5.16E-05
4.80E+03	-2.69E-03
4.80E+03	-2.62E-03
4.80E+03	3.12E-04
4.80E+03	2.97E-03
4.80E+03	2.27E-03
4.80E+03	-7.19E-04
4.80E+03	-2.28E-03
4.81E+03	-1.08E-03
4.81E+03	8.64E-04
4.81E+03	1.62E-03
4.81E+03	9.47E-04
4.81E+03	-4.13E-04
4.81E+03	-1.06E-03
4.81E+03	-3.03E-04
4.81E+03	7.76E-04
4.81E+03	7.37E-04
4.81E+03	2.75E-04
4.82E+03	3.41E-04
4.82E+03	-1.28E-04
4.82E+03	-1.39E-03
4.82E+03	-9.54E-04
4.82E+03	2.01E-03
4.82E+03	3.37E-03
4.82E+03	2.83E-04
4.82E+03	-3.60E-03
4.82E+03	-3.30E-03
4.82E+03	7.99E-04
4.83E+03	4.23E-03
4.83E+03	3.76E-03
4.83E+03	-3.12E-04
4.83E+03	-4.53E-03
4.83E+03	-4.59E-03
4.83E+03	3.51E-04
4.83E+03	5.48E-03
4.83E+03	5.20E-03
4.83E+03	-3.03E-04
4.83E+03	-5.52E-03
4.84E+03	-5.66E-03
4.84E+03	-1.98E-04
4.84E+03	6.18E-03
4.84E+03	6.58E-03
4.84E+03	-1.08E-04
4.84E+03	-6.84E-03

4.84E+03	-6.43E-03
4.84E+03	3.78E-04
4.84E+03	6.50E-03
4.84E+03	6.11E-03
4.85E+03	-4.25E-05
4.85E+03	-5.97E-03
4.85E+03	-6.11E-03
4.85E+03	-4.74E-04
4.85E+03	5.21E-03
4.85E+03	5.51E-03
4.85E+03	9.99E-04
4.85E+03	-3.79E-03
4.85E+03	-5.29E-03
4.85E+03	-2.37E-03
4.86E+03	2.77E-03
4.86E+03	5.26E-03
4.86E+03	2.57E-03
4.86E+03	-2.28E-03
4.86E+03	-4.46E-03
4.86E+03	-2.44E-03
4.86E+03	1.14E-03
4.86E+03	3.03E-03
4.86E+03	2.14E-03
4.86E+03	-2.22E-04
4.87E+03	-1.67E-03
4.87E+03	-1.54E-03
4.87E+03	-1.24E-03
4.87E+03	-7.89E-04
4.87E+03	1.39E-03
4.87E+03	3.71E-03
4.87E+03	2.13E-03
4.87E+03	-2.95E-03
4.87E+03	-5.56E-03
4.87E+03	-1.98E-03
4.88E+03	3.88E-03
4.88E+03	5.57E-03
4.88E+03	1.80E-03
4.88E+03	-3.62E-03
4.88E+03	-5.94E-03
4.88E+03	-2.69E-03
4.88E+03	3.67E-03
4.88E+03	6.67E-03
4.88E+03	2.67E-03
4.88E+03	-4.35E-03
4.89E+03	-6.89E-03
4.89E+03	-2.20E-03
4.89E+03	4.67E-03

4.89E+03	6.40E-03
4.89E+03	1.49E-03
4.89E+03	-4.68E-03
4.89E+03	-5.77E-03
4.89E+03	-9.53E-04
4.89E+03	4.38E-03
4.89E+03	4.81E-03
4.90E+03	7.63E-04
4.90E+03	-3.39E-03
4.90E+03	-4.36E-03
4.90E+03	-1.60E-03
4.90E+03	2.92E-03
4.90E+03	5.08E-03
4.90E+03	2.09E-03
4.90E+03	-3.44E-03
4.90E+03	-5.36E-03
4.90E+03	-1.31E-03
4.91E+03	3.92E-03
4.91E+03	4.51E-03
4.91E+03	7.63E-04
4.91E+03	-2.82E-03
4.91E+03	-3.42E-03
4.91E+03	-1.19E-03
4.91E+03	2.10E-03
4.91E+03	3.73E-03
4.91E+03	1.91E-03
4.91E+03	-1.87E-03
4.92E+03	-3.76E-03
4.92E+03	-1.54E-03
4.92E+03	2.44E-03
4.92E+03	3.66E-03
4.92E+03	1.09E-03
4.92E+03	-1.97E-03
4.92E+03	-2.28E-03
4.92E+03	-4.91E-04
4.92E+03	9.18E-04
4.92E+03	1.37E-03
4.93E+03	1.66E-03
4.93E+03	1.05E-03
4.93E+03	-1.24E-03
4.93E+03	-2.96E-03
4.93E+03	-1.29E-03
4.93E+03	2.33E-03
4.93E+03	3.61E-03
4.93E+03	1.17E-03
4.93E+03	-2.10E-03
4.93E+03	-3.01E-03

4.94E+03	-1.23E-03
4.94E+03	1.55E-03
4.94E+03	3.20E-03
4.94E+03	2.21E-03
4.94E+03	-1.12E-03
4.94E+03	-3.79E-03
4.94E+03	-2.66E-03
4.94E+03	1.73E-03
4.94E+03	4.80E-03
4.94E+03	2.44E-03
4.95E+03	-3.06E-03
4.95E+03	-4.93E-03
4.95E+03	-7.40E-04
4.95E+03	3.99E-03
4.95E+03	3.47E-03
4.95E+03	-8.38E-04
4.95E+03	-3.21E-03
4.95E+03	-1.73E-03
4.95E+03	6.89E-04
4.95E+03	1.71E-03
4.96E+03	1.51E-03
4.96E+03	2.35E-04
4.96E+03	-1.82E-03
4.96E+03	-2.37E-03
4.96E+03	4.96E-05
4.96E+03	2.77E-03
4.96E+03	1.96E-03
4.96E+03	-1.53E-03
4.96E+03	-3.06E-03
4.96E+03	-6.32E-04
4.97E+03	2.34E-03
4.97E+03	2.06E-03
4.97E+03	-7.20E-04
4.97E+03	-2.30E-03
4.97E+03	-1.15E-03
4.97E+03	9.56E-04
4.97E+03	1.68E-03
4.97E+03	7.24E-04
4.97E+03	-7.00E-04
4.97E+03	-1.67E-03
4.98E+03	-1.46E-03
4.98E+03	4.52E-04
4.98E+03	2.63E-03
4.98E+03	1.94E-03
4.98E+03	-1.74E-03
4.98E+03	-3.75E-03
4.98E+03	-1.02E-03

4.98E+03	2.97E-03
4.98E+03	2.91E-03
4.98E+03	-6.24E-04
4.99E+03	-2.71E-03
4.99E+03	-1.30E-03
4.99E+03	8.05E-04
4.99E+03	1.11E-03
4.99E+03	3.36E-04
4.99E+03	-1.56E-05
4.99E+03	-4.22E-05
4.99E+03	-5.51E-04
4.99E+03	-9.48E-04
4.99E+03	-1.97E-04
5.00E+03	9.82E-04
5.00E+03	8.11E-04
5.00E+03	-4.28E-04
5.00E+03	-6.43E-04
5.00E+03	3.11E-04
5.00E+03	1.67E-04
5.00E+03	-1.11E-03
5.00E+03	-7.46E-04
5.00E+03	1.60E-03
5.00E+03	2.20E-03
5.01E+03	-5.43E-04
5.01E+03	-2.87E-03
5.01E+03	-1.43E-03
5.01E+03	1.76E-03
5.01E+03	2.50E-03
5.01E+03	4.27E-04
5.01E+03	-1.46E-03
5.01E+03	-1.32E-03
5.01E+03	-2.77E-04
5.01E+03	3.85E-04
5.02E+03	8.85E-04
5.02E+03	1.49E-03
5.02E+03	9.47E-04
5.02E+03	-1.35E-03
5.02E+03	-2.90E-03
5.02E+03	-8.35E-04
5.02E+03	3.03E-03
5.02E+03	3.66E-03
5.02E+03	4.04E-05
5.02E+03	-3.43E-03
5.03E+03	-2.90E-03
5.03E+03	6.56E-04
5.03E+03	3.39E-03
5.03E+03	2.80E-03

5.03E+03	-3.11E-04
5.03E+03	-2.92E-03
5.03E+03	-2.53E-03
5.03E+03	5.62E-04
5.03E+03	3.23E-03
5.03E+03	2.62E-03
5.04E+03	-6.97E-04
5.04E+03	-3.15E-03
5.04E+03	-1.95E-03
5.04E+03	1.61E-03
5.04E+03	3.33E-03
5.04E+03	1.18E-03
5.04E+03	-1.92E-03
5.04E+03	-2.28E-03
5.04E+03	-1.61E-04
5.04E+03	1.55E-03
5.05E+03	1.55E-03
5.05E+03	5.43E-04
5.05E+03	-6.06E-04
5.05E+03	-1.31E-03
5.05E+03	-9.48E-04
5.05E+03	3.90E-04
5.05E+03	1.37E-03
5.05E+03	1.06E-03
5.05E+03	5.27E-06
5.05E+03	-8.54E-04
5.06E+03	-1.13E-03
5.06E+03	-7.02E-04
5.06E+03	3.59E-04
5.06E+03	1.49E-03
5.06E+03	1.56E-03
5.06E+03	-1.01E-04
5.06E+03	-2.25E-03
5.06E+03	-2.35E-03
5.06E+03	3.27E-04
5.06E+03	3.01E-03
5.07E+03	2.45E-03
5.07E+03	-9.88E-04
5.07E+03	-3.42E-03
5.07E+03	-2.26E-03
5.07E+03	1.02E-03
5.07E+03	3.15E-03
5.07E+03	2.30E-03
5.07E+03	-7.12E-04
5.07E+03	-3.31E-03
5.07E+03	-2.93E-03
5.08E+03	4.03E-04

5.08E+03	3.54E-03
5.08E+03	3.30E-03
5.08E+03	-3.70E-04
5.08E+03	-4.03E-03
5.08E+03	-3.81E-03
5.08E+03	4.59E-04
5.08E+03	4.44E-03
5.08E+03	3.76E-03
5.08E+03	-9.79E-04
5.09E+03	-4.72E-03
5.09E+03	-3.53E-03
5.09E+03	1.14E-03
5.09E+03	4.47E-03
5.09E+03	3.32E-03
5.09E+03	-1.18E-03
5.09E+03	-4.64E-03
5.09E+03	-3.34E-03
5.09E+03	1.48E-03
5.09E+03	4.46E-03
5.10E+03	2.54E-03
5.10E+03	-1.63E-03
5.10E+03	-3.65E-03
5.10E+03	-2.17E-03
5.10E+03	8.57E-04
5.10E+03	2.87E-03
5.10E+03	2.37E-03
5.10E+03	-3.63E-04
5.10E+03	-2.96E-03
5.10E+03	-2.64E-03
5.11E+03	3.59E-04
5.11E+03	2.89E-03
5.11E+03	2.49E-03
5.11E+03	-3.50E-04
5.11E+03	-2.87E-03
5.11E+03	-2.55E-03
5.11E+03	4.24E-04
5.11E+03	2.90E-03
5.11E+03	2.37E-03
5.11E+03	-4.11E-04
5.12E+03	-2.55E-03
5.12E+03	-2.17E-03
5.12E+03	1.01E-04
5.12E+03	2.27E-03
5.12E+03	2.44E-03
5.12E+03	1.80E-04
5.12E+03	-2.34E-03
5.12E+03	-2.17E-03

5.12E+03	4.67E-04
5.12E+03	2.23E-03
5.13E+03	1.32E-03
5.13E+03	-5.88E-04
5.13E+03	-1.07E-03
5.13E+03	-1.99E-04
5.13E+03	3.64E-04
5.13E+03	1.39E-04
5.13E+03	1.53E-04
5.13E+03	7.16E-04
5.13E+03	7.60E-04
5.13E+03	-4.02E-04
5.14E+03	-1.32E-03
5.14E+03	-3.68E-04
5.14E+03	1.47E-03
5.14E+03	1.70E-03
5.14E+03	-1.95E-06
5.14E+03	-1.45E-03
5.14E+03	-1.08E-03
5.14E+03	3.92E-04
5.14E+03	1.43E-03
5.14E+03	1.26E-03
5.15E+03	4.75E-05
5.15E+03	-1.24E-03
5.15E+03	-1.25E-03
5.15E+03	3.09E-04
5.15E+03	1.78E-03
5.15E+03	1.27E-03
5.15E+03	-7.26E-04
5.15E+03	-1.80E-03
5.15E+03	-5.59E-04
5.15E+03	1.55E-03
5.16E+03	1.86E-03
5.16E+03	-1.24E-04
5.16E+03	-1.94E-03
5.16E+03	-1.30E-03
5.16E+03	8.77E-04
5.16E+03	1.87E-03
5.16E+03	8.28E-04
5.16E+03	-7.45E-04
5.16E+03	-1.45E-03
5.16E+03	-1.05E-03
5.17E+03	2.67E-04
5.17E+03	1.68E-03
5.17E+03	1.64E-03
5.17E+03	-4.11E-04
5.17E+03	-2.46E-03

5.17E+03	-1.78E-03
5.17E+03	1.08E-03
5.17E+03	2.68E-03
5.17E+03	1.16E-03
5.17E+03	-1.52E-03
5.18E+03	-2.45E-03
5.18E+03	-8.99E-04
5.18E+03	1.30E-03
5.18E+03	2.06E-03
5.18E+03	8.87E-04
5.18E+03	-1.09E-03
5.18E+03	-2.13E-03
5.18E+03	-1.16E-03
5.18E+03	1.00E-03
5.18E+03	2.09E-03
5.19E+03	8.64E-04
5.19E+03	-1.32E-03
5.19E+03	-1.89E-03
5.19E+03	-2.47E-04
5.19E+03	1.27E-03
5.19E+03	7.66E-04
5.19E+03	-5.38E-04
5.19E+03	-4.68E-04
5.19E+03	4.27E-04
5.19E+03	1.66E-04
5.20E+03	-1.00E-03
5.20E+03	-8.95E-04
5.20E+03	8.56E-04
5.20E+03	1.75E-03
5.20E+03	2.32E-04
5.20E+03	-1.83E-03
5.20E+03	-1.77E-03
5.20E+03	3.62E-04
5.20E+03	1.96E-03
5.20E+03	1.32E-03
5.21E+03	-6.09E-04
5.21E+03	-1.73E-03
5.21E+03	-1.29E-03
5.21E+03	1.61E-04
5.21E+03	1.55E-03
5.21E+03	1.63E-03
5.21E+03	-1.20E-05
5.21E+03	-1.97E-03
5.21E+03	-1.94E-03
5.21E+03	3.23E-04
5.22E+03	2.25E-03
5.22E+03	1.52E-03

5.22E+03	-8.08E-04
5.22E+03	-1.88E-03
5.22E+03	-9.51E-04
5.22E+03	4.85E-04
5.22E+03	1.13E-03
5.22E+03	1.03E-03
5.22E+03	4.60E-04
5.22E+03	-6.70E-04
5.23E+03	-1.81E-03
5.23E+03	-1.35E-03
5.23E+03	1.07E-03
5.23E+03	2.98E-03
5.23E+03	1.73E-03
5.23E+03	-1.69E-03
5.23E+03	-3.42E-03
5.23E+03	-1.31E-03
5.23E+03	2.34E-03
5.23E+03	3.46E-03
5.24E+03	1.07E-03
5.24E+03	-2.09E-03
5.24E+03	-2.93E-03
5.24E+03	-8.39E-04
5.24E+03	2.04E-03
5.24E+03	2.94E-03
5.24E+03	1.06E-03
5.24E+03	-1.65E-03
5.24E+03	-2.50E-03
5.24E+03	-7.25E-04
5.25E+03	1.72E-03
5.25E+03	2.29E-03
5.25E+03	7.98E-04
5.25E+03	-9.08E-04
5.25E+03	-1.38E-03
5.25E+03	-7.70E-04
5.25E+03	2.84E-04
5.25E+03	1.22E-03
5.25E+03	1.53E-03
5.25E+03	6.64E-04
5.26E+03	-9.74E-04
5.26E+03	-1.79E-03
5.26E+03	-7.18E-04
5.26E+03	1.20E-03
5.26E+03	1.95E-03
5.26E+03	8.42E-04
5.26E+03	-8.75E-04
5.26E+03	-1.50E-03
5.26E+03	-7.26E-04

5.26E+03	5.43E-04
5.27E+03	1.35E-03
5.27E+03	1.05E-03
5.27E+03	-2.18E-04
5.27E+03	-1.34E-03
5.27E+03	-1.10E-03
5.27E+03	3.68E-04
5.27E+03	1.43E-03
5.27E+03	8.85E-04
5.27E+03	-5.20E-04
5.27E+03	-1.19E-03
5.28E+03	-6.07E-04
5.28E+03	3.80E-04
5.28E+03	8.42E-04
5.28E+03	5.00E-04
5.28E+03	-2.23E-04
5.28E+03	-7.55E-04
5.28E+03	-6.61E-04
5.28E+03	1.32E-04
5.28E+03	8.63E-04
5.28E+03	5.43E-04
5.29E+03	-6.33E-04
5.29E+03	-1.13E-03
5.29E+03	-1.45E-04
5.29E+03	1.11E-03
5.29E+03	8.81E-04
5.29E+03	-6.14E-04
5.29E+03	-1.49E-03
5.29E+03	-6.10E-04
5.29E+03	9.74E-04
5.29E+03	1.41E-03
5.30E+03	1.93E-04
5.30E+03	-1.27E-03
5.30E+03	-1.39E-03
5.30E+03	-3.11E-05
5.30E+03	1.31E-03
5.30E+03	1.17E-03
5.30E+03	-3.12E-04
5.30E+03	-1.51E-03
5.30E+03	-1.06E-03
5.30E+03	5.67E-04
5.31E+03	1.54E-03
5.31E+03	6.31E-04
5.31E+03	-1.06E-03
5.31E+03	-1.43E-03
5.31E+03	-1.28E-04
5.31E+03	1.00E-03

5.31E+03	7.63E-04
5.31E+03	-1.62E-04
5.31E+03	-6.31E-04
5.31E+03	-4.47E-04
5.32E+03	-1.12E-04
5.32E+03	1.60E-04
5.32E+03	3.69E-04
5.32E+03	2.93E-04
5.32E+03	-1.42E-04
5.32E+03	-5.23E-04
5.32E+03	-3.89E-04
5.32E+03	1.68E-04
5.32E+03	5.70E-04
5.32E+03	3.11E-04
5.33E+03	-3.16E-04
5.33E+03	-5.92E-04
5.33E+03	-2.34E-04
5.33E+03	2.79E-04
5.33E+03	5.28E-04
5.33E+03	3.92E-04
5.33E+03	-1.23E-04
5.33E+03	-6.05E-04
5.33E+03	-5.07E-04
5.33E+03	2.44E-04
5.34E+03	8.01E-04
5.34E+03	4.41E-04
5.34E+03	-3.21E-04
5.34E+03	-3.80E-04
5.34E+03	1.62E-04
5.34E+03	2.64E-04
5.34E+03	-2.18E-04
5.34E+03	-3.17E-04
5.34E+03	4.81E-04
5.34E+03	1.08E-03
5.35E+03	3.85E-04
5.35E+03	-9.52E-04
5.35E+03	-1.14E-03
5.35E+03	2.09E-04
5.35E+03	1.49E-03
5.35E+03	1.20E-03
5.35E+03	-2.34E-04
5.35E+03	-1.20E-03
5.35E+03	-8.48E-04
5.35E+03	3.45E-04
5.36E+03	1.32E-03
5.36E+03	1.29E-03
5.36E+03	1.46E-04

5.36E+03	-1.25E-03
5.36E+03	-1.46E-03
5.36E+03	2.91E-05
5.36E+03	1.85E-03
5.36E+03	1.87E-03
5.36E+03	-5.39E-05
5.36E+03	-1.78E-03
5.37E+03	-1.48E-03
5.37E+03	2.81E-04
5.37E+03	1.62E-03
5.37E+03	1.43E-03
5.37E+03	1.57E-04
5.37E+03	-1.04E-03
5.37E+03	-1.34E-03
5.37E+03	-4.78E-04
5.37E+03	9.64E-04
5.37E+03	1.68E-03
5.38E+03	7.81E-04
5.38E+03	-1.05E-03
5.38E+03	-1.84E-03
5.38E+03	-4.95E-04
5.38E+03	1.41E-03
5.38E+03	1.53E-03
5.38E+03	-4.67E-05
5.38E+03	-1.18E-03
5.38E+03	-8.20E-04
5.38E+03	7.48E-05
5.39E+03	4.42E-04
5.39E+03	3.49E-04
5.39E+03	2.82E-04
5.39E+03	9.81E-05
5.39E+03	-3.90E-04
5.39E+03	-7.94E-04
5.39E+03	-4.99E-04
5.39E+03	4.36E-04
5.39E+03	1.07E-03
5.39E+03	5.18E-04
5.40E+03	-7.01E-04
5.40E+03	-1.18E-03
5.40E+03	-4.97E-04
5.40E+03	4.75E-04
5.40E+03	9.08E-04
5.40E+03	6.73E-04
5.40E+03	-2.28E-04
5.40E+03	-1.26E-03
5.40E+03	-1.25E-03
5.40E+03	2.66E-04

5.41E+03	1.76E-03
5.41E+03	1.22E-03
5.41E+03	-9.07E-04
5.41E+03	-2.02E-03
5.41E+03	-8.50E-04
5.41E+03	1.10E-03
5.41E+03	1.66E-03
5.41E+03	3.58E-04
5.41E+03	-1.11E-03
5.41E+03	-1.19E-03
5.42E+03	-1.80E-04
5.42E+03	5.55E-04
5.42E+03	5.78E-04
5.42E+03	3.35E-04
5.42E+03	-4.70E-05
5.42E+03	-6.52E-04
5.42E+03	-8.39E-04
5.42E+03	-6.24E-05
5.42E+03	9.21E-04
5.42E+03	7.95E-04
5.43E+03	-3.32E-04
5.43E+03	-1.01E-03
5.43E+03	-5.27E-04
5.43E+03	4.05E-04
5.43E+03	7.33E-04
5.43E+03	2.55E-04
5.43E+03	-3.39E-04
5.43E+03	-4.49E-04
5.43E+03	-2.21E-04
5.43E+03	-2.23E-05
5.44E+03	2.50E-04
5.44E+03	5.12E-04
5.44E+03	2.39E-04
5.44E+03	-4.72E-04
5.44E+03	-6.85E-04
5.44E+03	1.09E-04
5.44E+03	8.41E-04
5.44E+03	3.95E-04
5.44E+03	-5.46E-04
5.44E+03	-5.52E-04
5.45E+03	3.17E-04
5.45E+03	7.15E-04
5.45E+03	1.59E-04
5.45E+03	-4.63E-04
5.45E+03	-2.84E-04
5.45E+03	3.83E-04
5.45E+03	5.28E-04

5.45E+03	2.62E-05
5.45E+03	-2.84E-04
5.45E+03	4.40E-05
5.46E+03	4.00E-04
5.46E+03	2.12E-04
5.46E+03	-1.42E-04
5.46E+03	-1.70E-05
5.46E+03	3.43E-04
5.46E+03	2.40E-04
5.46E+03	-1.25E-04
5.46E+03	-5.87E-05
5.46E+03	3.86E-04
5.46E+03	4.52E-04
5.47E+03	-2.79E-05
5.47E+03	-3.61E-04
5.47E+03	-3.98E-05
5.47E+03	5.03E-04
5.47E+03	4.63E-04
5.47E+03	-5.74E-05
5.47E+03	-2.60E-04
5.47E+03	9.73E-05
5.47E+03	3.56E-04
5.47E+03	6.53E-05
5.48E+03	-2.15E-04
5.48E+03	5.83E-05
5.48E+03	4.56E-04
5.48E+03	2.42E-04
5.48E+03	-3.16E-04
5.48E+03	-3.66E-04
5.48E+03	1.43E-04
5.48E+03	4.89E-04
5.48E+03	2.60E-04
5.48E+03	-1.78E-04
5.49E+03	-2.85E-04
5.49E+03	-1.45E-04
5.49E+03	-4.79E-05
5.49E+03	9.11E-05
5.49E+03	4.18E-04
5.49E+03	4.92E-04
5.49E+03	-1.73E-04
5.49E+03	-9.95E-04
5.49E+03	-7.70E-04
5.49E+03	5.51E-04
5.50E+03	1.38E-03
5.50E+03	4.94E-04
5.50E+03	-1.11E-03
5.50E+03	-1.33E-03

5.50E+03	1.02E-05
5.50E+03	1.05E-03
5.50E+03	6.37E-04
5.50E+03	-3.38E-04
5.50E+03	-6.08E-04
5.50E+03	-2.62E-04
5.51E+03	-4.00E-05
5.51E+03	-4.05E-07
5.51E+03	2.40E-04
5.51E+03	4.26E-04
5.51E+03	-2.31E-05
5.51E+03	-7.16E-04
5.51E+03	-6.32E-04
5.51E+03	2.74E-04
5.51E+03	7.91E-04
5.51E+03	2.08E-04
5.52E+03	-5.99E-04
5.52E+03	-4.39E-04
5.52E+03	1.95E-04
5.52E+03	1.44E-04
5.52E+03	-3.56E-04
5.52E+03	-2.04E-04
5.52E+03	5.29E-04
5.52E+03	5.68E-04
5.52E+03	-3.98E-04
5.52E+03	-9.94E-04
5.53E+03	-2.55E-04
5.53E+03	7.30E-04
5.53E+03	5.65E-04
5.53E+03	-3.39E-04
5.53E+03	-5.54E-04
5.53E+03	4.70E-05
5.53E+03	3.06E-04
5.53E+03	-1.64E-04
5.53E+03	-3.74E-04
5.53E+03	1.74E-04
5.54E+03	4.82E-04
5.54E+03	-1.52E-04
5.54E+03	-7.04E-04
5.54E+03	-1.38E-04
5.54E+03	7.64E-04
5.54E+03	5.26E-04
5.54E+03	-5.65E-04
5.54E+03	-8.75E-04
5.54E+03	4.30E-05
5.54E+03	7.89E-04
5.55E+03	4.14E-04

5.55E+03	-3.03E-04
5.55E+03	-3.50E-04
5.55E+03	-4.73E-07
5.55E+03	4.94E-05
5.55E+03	-2.70E-05
5.55E+03	2.36E-04
5.55E+03	4.96E-04
5.55E+03	1.35E-05
5.55E+03	-6.87E-04
5.56E+03	-3.83E-04
5.56E+03	7.54E-04
5.56E+03	1.10E-03
5.56E+03	-3.33E-05
5.56E+03	-1.10E-03
5.56E+03	-5.74E-04
5.56E+03	7.76E-04
5.56E+03	1.07E-03
5.56E+03	2.01E-04
5.56E+03	-4.48E-04
5.57E+03	-2.49E-04
5.57E+03	7.95E-05
5.57E+03	8.15E-05
5.57E+03	1.30E-04
5.57E+03	5.02E-04
5.57E+03	5.98E-04
5.57E+03	-5.67E-05
5.57E+03	-6.29E-04
5.57E+03	-2.19E-04
5.57E+03	6.33E-04
5.58E+03	7.08E-04
5.58E+03	-4.76E-05
5.58E+03	-4.79E-04
5.58E+03	-1.88E-05
5.58E+03	5.16E-04
5.58E+03	3.27E-04
5.58E+03	-1.37E-04
5.58E+03	-1.35E-04
5.58E+03	1.49E-04
5.58E+03	1.41E-04
5.59E+03	-2.46E-05
5.59E+03	4.23E-05
5.59E+03	2.41E-04
5.59E+03	1.09E-04
5.59E+03	-1.95E-04
5.59E+03	-1.23E-04
5.59E+03	2.93E-04
5.59E+03	3.15E-04

5.59E+03	-2.48E-04
5.59E+03	-5.32E-04
5.60E+03	2.05E-06
5.60E+03	6.71E-04
5.60E+03	4.58E-04
5.60E+03	-3.53E-04
5.60E+03	-7.07E-04
5.60E+03	-2.05E-04
5.60E+03	3.46E-04
5.60E+03	3.12E-04
5.60E+03	3.21E-05
5.60E+03	-5.99E-05
5.61E+03	-6.62E-05
5.61E+03	-2.20E-04
5.61E+03	-3.45E-04
5.61E+03	-5.78E-05
5.61E+03	3.90E-04
5.61E+03	3.14E-04
5.61E+03	-2.29E-04
5.61E+03	-5.03E-04
5.61E+03	-1.58E-04
5.61E+03	2.76E-04
5.62E+03	2.32E-04
5.62E+03	-1.18E-04
5.62E+03	-2.34E-04
5.62E+03	-1.12E-04
5.62E+03	-1.05E-04
5.62E+03	-9.68E-05
5.62E+03	1.82E-04
5.62E+03	4.05E-04
5.62E+03	4.14E-05
5.62E+03	-6.07E-04
5.63E+03	-6.71E-04
5.63E+03	9.18E-05
5.63E+03	8.29E-04
5.63E+03	4.72E-04
5.63E+03	-4.92E-04
5.63E+03	-8.36E-04
5.63E+03	-1.57E-04
5.63E+03	5.71E-04
5.63E+03	4.30E-04
5.63E+03	-2.37E-04
5.64E+03	-5.07E-04
5.64E+03	-1.97E-04
5.64E+03	1.48E-04
5.64E+03	2.42E-04
5.64E+03	2.58E-04

5.64E+03	7.23E-05
5.64E+03	-4.05E-04
5.64E+03	-7.03E-04
5.64E+03	-2.47E-04
5.64E+03	6.87E-04
5.65E+03	9.60E-04
5.65E+03	5.55E-05
5.65E+03	-1.00E-03
5.65E+03	-9.08E-04
5.65E+03	1.96E-04
5.65E+03	9.29E-04
5.65E+03	5.58E-04
5.65E+03	-2.62E-04
5.65E+03	-5.95E-04
5.65E+03	-3.47E-04
5.66E+03	8.78E-05
5.66E+03	4.43E-04
5.66E+03	5.56E-04
5.66E+03	1.31E-04
5.66E+03	-6.04E-04
5.66E+03	-7.24E-04
5.66E+03	1.52E-04
5.66E+03	1.05E-03
5.66E+03	8.13E-04
5.66E+03	-3.46E-04
5.67E+03	-9.95E-04
5.67E+03	-3.48E-04
5.67E+03	7.14E-04
5.67E+03	8.60E-04
5.67E+03	1.30E-04
5.67E+03	-3.69E-04
5.67E+03	-1.70E-04
5.67E+03	1.90E-04
5.67E+03	2.10E-04
5.67E+03	1.07E-04
5.68E+03	1.72E-04
5.68E+03	1.41E-04
5.68E+03	-5.26E-05
5.68E+03	2.02E-06
5.68E+03	3.89E-04
5.68E+03	4.65E-04
5.68E+03	-7.92E-05
5.68E+03	-5.37E-04
5.68E+03	-1.56E-04
5.68E+03	6.48E-04
5.69E+03	7.91E-04
5.69E+03	7.17E-05

5.69E+03	-5.55E-04
5.69E+03	-3.72E-04
5.69E+03	2.79E-04
5.69E+03	5.84E-04
5.69E+03	3.17E-04
5.69E+03	-1.02E-04
5.69E+03	-3.19E-04
5.69E+03	-2.36E-04
5.70E+03	1.33E-04
5.70E+03	5.52E-04
5.70E+03	4.98E-04
5.70E+03	-1.72E-04
5.70E+03	-7.63E-04
5.70E+03	-4.58E-04
5.70E+03	4.91E-04
5.70E+03	9.04E-04
5.70E+03	2.29E-04
5.70E+03	-6.45E-04
5.71E+03	-6.20E-04
5.71E+03	8.24E-05
5.71E+03	4.83E-04
5.71E+03	1.95E-04
5.71E+03	-2.45E-04
5.71E+03	-2.50E-04
5.71E+03	-1.32E-07
5.71E+03	1.20E-04
5.71E+03	7.21E-05
5.71E+03	-1.68E-05
5.72E+03	-1.63E-04
5.72E+03	-2.67E-04
5.72E+03	-1.53E-04
5.72E+03	1.73E-04
5.72E+03	3.54E-04
5.72E+03	1.04E-04
5.72E+03	-3.52E-04
5.72E+03	-4.44E-04
5.72E+03	-7.26E-05
5.72E+03	2.45E-04
5.73E+03	1.93E-04
5.73E+03	-3.65E-05
5.73E+03	-1.45E-04
5.73E+03	-1.40E-04
5.73E+03	-1.00E-04
5.73E+03	-3.23E-06
5.73E+03	1.10E-04
5.73E+03	9.34E-05
5.73E+03	-1.45E-04

5.73E+03	-3.05E-04
5.74E+03	-1.62E-04
5.74E+03	1.90E-04
5.74E+03	3.76E-04
5.74E+03	1.02E-04
5.74E+03	-4.09E-04
5.74E+03	-5.16E-04
5.74E+03	-7.07E-05
5.74E+03	3.63E-04
5.74E+03	2.79E-04
5.74E+03	-7.91E-05
5.75E+03	-2.38E-04
5.75E+03	-7.39E-05
5.75E+03	7.89E-05
5.75E+03	-4.40E-05
5.75E+03	-2.12E-04
5.75E+03	-1.46E-04
5.75E+03	1.30E-04
5.75E+03	3.22E-04
5.75E+03	1.29E-04
5.75E+03	-2.15E-04
5.76E+03	-2.90E-04
5.76E+03	-8.87E-05
5.76E+03	2.33E-05
5.76E+03	5.09E-05
5.76E+03	1.91E-04
5.76E+03	2.51E-04
5.76E+03	2.30E-05
5.76E+03	-2.91E-04
5.76E+03	-2.40E-04
5.76E+03	1.13E-04
5.77E+03	2.87E-04
5.77E+03	1.21E-04
5.77E+03	-5.88E-05
5.77E+03	-1.64E-05
5.77E+03	6.95E-05
5.77E+03	3.21E-05
5.77E+03	1.01E-05
5.77E+03	1.99E-04
5.77E+03	3.34E-04
5.77E+03	-2.82E-05
5.78E+03	-5.09E-04
5.78E+03	-2.38E-04
5.78E+03	6.68E-04
5.78E+03	9.99E-04
5.78E+03	1.81E-04
5.78E+03	-7.63E-04

5.78E+03	-6.47E-04
5.78E+03	2.54E-04
5.78E+03	7.33E-04
5.78E+03	4.55E-04
5.79E+03	1.04E-04
5.79E+03	-9.36E-06
5.79E+03	-6.51E-05
5.79E+03	-1.85E-04
5.79E+03	-8.05E-05
5.79E+03	3.40E-04
5.79E+03	5.80E-04
5.79E+03	1.85E-04
5.79E+03	-3.76E-04
5.79E+03	-2.38E-04
5.80E+03	4.19E-04
5.80E+03	5.64E-04
5.80E+03	-3.75E-05
5.80E+03	-4.44E-04
5.80E+03	-1.21E-04
5.80E+03	3.09E-04
5.80E+03	2.80E-04
5.80E+03	1.37E-04
5.80E+03	1.84E-04
5.80E+03	4.94E-05
5.81E+03	-3.15E-04
5.81E+03	-3.70E-04
5.81E+03	1.21E-04
5.81E+03	5.50E-04
5.81E+03	2.84E-04
5.81E+03	-3.35E-04
5.81E+03	-3.83E-04
5.81E+03	2.05E-04
5.81E+03	4.52E-04
5.81E+03	-1.12E-04
5.82E+03	-6.46E-04
5.82E+03	-2.88E-04
5.82E+03	4.65E-04
5.82E+03	5.34E-04
5.82E+03	-5.20E-05
5.82E+03	-3.68E-04
5.82E+03	-1.82E-04
5.82E+03	-6.19E-05
5.82E+03	-1.41E-04
5.82E+03	-1.55E-05
5.83E+03	2.61E-04
5.83E+03	1.79E-04
5.83E+03	-2.29E-04

5.83E+03	-3.25E-04
5.83E+03	1.01E-04
5.83E+03	3.07E-04
5.83E+03	-1.26E-04
5.83E+03	-5.62E-04
5.83E+03	-2.95E-04
5.83E+03	3.78E-04
5.84E+03	5.65E-04
5.84E+03	5.95E-05
5.84E+03	-3.92E-04
5.84E+03	-3.24E-04
5.84E+03	-1.85E-04
5.84E+03	-2.09E-04
5.84E+03	5.39E-05
5.84E+03	5.29E-04
5.84E+03	4.73E-04
5.84E+03	-3.18E-04
5.85E+03	-8.53E-04
5.85E+03	-3.01E-04
5.85E+03	5.68E-04
5.85E+03	5.49E-04
5.85E+03	-2.54E-04
5.85E+03	-6.56E-04
5.85E+03	-1.86E-04
5.85E+03	4.02E-04
5.85E+03	3.96E-04
5.85E+03	3.98E-05
5.86E+03	-2.19E-04
5.86E+03	-3.42E-04
5.86E+03	-4.61E-04
5.86E+03	-2.37E-04
5.86E+03	5.14E-04
5.86E+03	9.38E-04
5.86E+03	2.80E-04
5.86E+03	-8.02E-04
5.86E+03	-9.81E-04
5.86E+03	-7.73E-05
5.87E+03	6.51E-04
5.87E+03	4.98E-04
5.87E+03	2.59E-05
5.87E+03	-1.21E-04
5.87E+03	-1.10E-04
5.87E+03	-2.16E-04
5.87E+03	-1.53E-04
5.87E+03	2.49E-04
5.87E+03	4.44E-04
5.87E+03	-3.57E-06

5.88E+03	-5.26E-04
5.88E+03	-2.24E-04
5.88E+03	6.26E-04
5.88E+03	8.09E-04
5.88E+03	-2.73E-05
5.88E+03	-7.67E-04
5.88E+03	-5.15E-04
5.88E+03	2.89E-04
5.88E+03	6.70E-04
5.88E+03	4.58E-04
5.89E+03	1.55E-04
5.89E+03	-6.91E-05
5.89E+03	-2.57E-04
5.89E+03	-2.52E-04
5.89E+03	1.20E-04
5.89E+03	4.96E-04
5.89E+03	3.71E-04
5.89E+03	-1.10E-04
5.89E+03	-1.73E-04
5.89E+03	2.82E-04
5.90E+03	5.37E-04
5.90E+03	1.04E-04
5.90E+03	-4.63E-04
5.90E+03	-3.44E-04
5.90E+03	2.64E-04
5.90E+03	5.78E-04
5.90E+03	4.34E-04
5.90E+03	2.07E-04
5.90E+03	-4.74E-05
5.90E+03	-3.95E-04
5.91E+03	-4.47E-04
5.91E+03	1.09E-04
5.91E+03	7.81E-04
5.91E+03	6.27E-04
5.91E+03	-2.31E-04
5.91E+03	-6.67E-04
5.91E+03	-9.77E-05
5.91E+03	6.28E-04
5.91E+03	5.02E-04
5.91E+03	-2.89E-04
5.92E+03	-6.88E-04
5.92E+03	-2.40E-04
5.92E+03	4.67E-04
5.92E+03	6.68E-04
5.92E+03	3.62E-04
5.92E+03	-1.91E-04
5.92E+03	-7.02E-04

5.92E+03	-7.50E-04
5.92E+03	-4.55E-05
5.92E+03	8.48E-04
5.93E+03	8.69E-04
5.93E+03	-9.38E-05
5.93E+03	-8.69E-04
5.93E+03	-5.77E-04
5.93E+03	2.25E-04
5.93E+03	4.68E-04
5.93E+03	6.51E-05
5.93E+03	-2.88E-04
5.93E+03	-2.22E-04
5.93E+03	2.31E-05
5.94E+03	1.23E-04
5.94E+03	1.51E-04
5.94E+03	1.69E-04
5.94E+03	-1.26E-04
5.94E+03	-6.60E-04
5.94E+03	-6.00E-04
5.94E+03	2.88E-04
5.94E+03	9.82E-04
5.94E+03	5.17E-04
5.94E+03	-5.72E-04
5.95E+03	-9.00E-04
5.95E+03	-3.02E-04
5.95E+03	2.99E-04
5.95E+03	3.48E-04
5.95E+03	1.43E-04
5.95E+03	-9.11E-06
5.95E+03	-1.57E-04
5.95E+03	-2.37E-04
5.95E+03	-9.47E-05
5.95E+03	1.89E-04
5.96E+03	1.60E-04
5.96E+03	-2.94E-04
5.96E+03	-5.24E-04
5.96E+03	-3.34E-05
5.96E+03	6.78E-04
5.96E+03	5.89E-04
5.96E+03	-3.06E-04
5.96E+03	-8.18E-04
5.96E+03	-3.77E-04
5.96E+03	2.44E-04
5.97E+03	3.10E-04
5.97E+03	7.72E-05
5.97E+03	9.40E-05
5.97E+03	1.21E-04

5.97E+03	-1.49E-04
5.97E+03	-3.68E-04
5.97E+03	-1.76E-04
5.97E+03	1.80E-04
5.97E+03	1.79E-04
5.97E+03	-7.53E-05
5.98E+03	-7.07E-05
5.98E+03	2.62E-04
5.98E+03	3.31E-04
5.98E+03	-1.19E-04
5.98E+03	-5.22E-04
5.98E+03	-2.79E-04
5.98E+03	2.46E-04
5.98E+03	4.12E-04
5.98E+03	2.42E-04
5.98E+03	1.20E-04
5.99E+03	1.91E-05
5.99E+03	-2.38E-04
5.99E+03	-3.30E-04
5.99E+03	9.79E-05
5.99E+03	5.18E-04
5.99E+03	3.14E-04
5.99E+03	-2.21E-04
5.99E+03	-2.50E-04
5.99E+03	3.04E-04
5.99E+03	6.25E-04
6.00E+03	1.90E-04
6.00E+03	-4.23E-04
6.00E+03	-4.83E-04
6.00E+03	6.17E-05
6.00E+03	5.54E-04
6.00E+03	6.35E-04
6.00E+03	4.29E-04
6.00E+03	1.28E-05
6.00E+03	-5.20E-04
6.00E+03	-6.52E-04
6.01E+03	3.92E-05
6.01E+03	9.42E-04
6.01E+03	9.00E-04
6.01E+03	-7.27E-05
6.01E+03	-7.08E-04
6.01E+03	-2.93E-04
6.01E+03	4.29E-04
6.01E+03	5.04E-04
6.01E+03	5.82E-05
6.01E+03	-2.00E-04
6.02E+03	-1.24E-04

6.02E+03	8.96E-06
6.02E+03	2.09E-04
6.02E+03	4.79E-04
6.02E+03	4.36E-04
6.02E+03	-2.29E-04
6.02E+03	-9.00E-04
6.02E+03	-5.46E-04
6.02E+03	6.85E-04
6.02E+03	1.24E-03
6.03E+03	2.81E-04
6.03E+03	-8.85E-04
6.03E+03	-8.13E-04
6.03E+03	1.60E-04
6.03E+03	5.93E-04
6.03E+03	1.78E-04
6.03E+03	-2.24E-04
6.03E+03	-1.69E-04
6.03E+03	-4.46E-05
6.03E+03	-3.76E-05
6.04E+03	1.28E-04
6.04E+03	3.23E-04
6.04E+03	-1.44E-05
6.04E+03	-6.93E-04
6.04E+03	-6.97E-04
6.04E+03	2.97E-04
6.04E+03	1.14E-03
6.04E+03	5.52E-04
6.04E+03	-7.92E-04
6.04E+03	-1.14E-03
6.05E+03	-1.52E-04
6.05E+03	6.74E-04
6.05E+03	4.42E-04
6.05E+03	-1.02E-04
6.05E+03	-2.07E-04
6.05E+03	-1.24E-04
6.05E+03	-2.05E-04
6.05E+03	-1.23E-04
6.05E+03	3.04E-04
6.05E+03	3.59E-04
6.06E+03	-3.50E-04
6.06E+03	-8.28E-04
6.06E+03	-1.26E-04
6.06E+03	9.43E-04
6.06E+03	8.50E-04
6.06E+03	-4.59E-04
6.06E+03	-1.26E-03
6.06E+03	-5.27E-04

6.06E+03	6.66E-04
6.06E+03	7.84E-04
6.07E+03	5.67E-05
6.07E+03	-3.50E-04
6.07E+03	-2.73E-04
6.07E+03	-2.08E-04
6.07E+03	-1.63E-04
6.07E+03	2.25E-04
6.07E+03	5.35E-04
6.07E+03	3.54E-05
6.07E+03	-7.87E-04
6.07E+03	-5.62E-04
6.08E+03	6.33E-04
6.08E+03	1.05E-03
6.08E+03	1.40E-06
6.08E+03	-1.14E-03
6.08E+03	-8.54E-04
6.08E+03	4.10E-04
6.08E+03	9.83E-04
6.08E+03	3.64E-04
6.08E+03	-2.91E-04
6.08E+03	-3.17E-04
6.09E+03	-2.35E-04
6.09E+03	-2.73E-04
6.09E+03	2.48E-05
6.09E+03	6.12E-04
6.09E+03	5.91E-04
6.09E+03	-2.94E-04
6.09E+03	-8.10E-04
6.09E+03	-5.11E-05
6.09E+03	8.70E-04
6.09E+03	5.57E-04
6.10E+03	-5.16E-04
6.10E+03	-7.84E-04
6.10E+03	1.15E-04
6.10E+03	8.62E-04
6.10E+03	5.45E-04
6.10E+03	-1.63E-04
6.10E+03	-3.12E-04
6.10E+03	-7.43E-05
6.10E+03	-1.53E-05
6.10E+03	6.82E-05
6.11E+03	4.26E-04
6.11E+03	6.13E-04
6.11E+03	6.49E-05
6.11E+03	-5.81E-04
6.11E+03	-2.45E-04

6.11E+03	6.53E-04
6.11E+03	6.91E-04
6.11E+03	-2.12E-04
6.11E+03	-6.89E-04
6.11E+03	5.19E-06
6.12E+03	8.46E-04
6.12E+03	6.59E-04
6.12E+03	-1.89E-04
6.12E+03	-5.21E-04
6.12E+03	-1.50E-04
6.12E+03	1.72E-04
6.12E+03	2.24E-04
6.12E+03	3.37E-04
6.12E+03	4.25E-04
6.12E+03	5.54E-05
6.13E+03	-5.42E-04
6.13E+03	-4.89E-04
6.13E+03	3.61E-04
6.13E+03	8.18E-04
6.13E+03	1.48E-04
6.13E+03	-6.91E-04
6.13E+03	-4.47E-04
6.13E+03	4.25E-04
6.13E+03	6.92E-04
6.13E+03	1.14E-04
6.14E+03	-5.04E-04
6.14E+03	-4.82E-04
6.14E+03	-1.01E-04
6.14E+03	2.04E-04
6.14E+03	4.40E-04
6.14E+03	4.57E-04
6.14E+03	-3.40E-05
6.14E+03	-7.43E-04
6.14E+03	-7.59E-04
6.14E+03	1.39E-04
6.15E+03	9.46E-04
6.15E+03	5.76E-04
6.15E+03	-5.70E-04
6.15E+03	-9.35E-04
6.15E+03	-1.19E-04
6.15E+03	6.58E-04
6.15E+03	4.79E-04
6.15E+03	-2.18E-04
6.15E+03	-6.07E-04
6.15E+03	-3.89E-04
6.16E+03	1.01E-04
6.16E+03	4.55E-04

6.16E+03	4.79E-04
6.16E+03	2.15E-05
6.16E+03	-6.71E-04
6.16E+03	-7.99E-04
6.16E+03	-5.95E-05
6.16E+03	7.80E-04
6.16E+03	7.53E-04
6.16E+03	-1.62E-04
6.17E+03	-8.57E-04
6.17E+03	-5.40E-04
6.17E+03	2.67E-04
6.17E+03	5.92E-04
6.17E+03	2.43E-04
6.17E+03	-2.75E-04
6.17E+03	-5.23E-04
6.17E+03	-2.64E-04
6.17E+03	2.73E-04
6.17E+03	6.15E-04
6.18E+03	3.06E-04
6.18E+03	-4.62E-04
6.18E+03	-9.04E-04
6.18E+03	-3.44E-04
6.18E+03	6.50E-04
6.18E+03	9.30E-04
6.18E+03	2.01E-04
6.18E+03	-6.87E-04
6.18E+03	-8.27E-04
6.18E+03	-1.84E-04
6.19E+03	5.01E-04
6.19E+03	6.25E-04
6.19E+03	2.07E-04
6.19E+03	-3.76E-04
6.19E+03	-6.34E-04
6.19E+03	-2.00E-04
6.19E+03	5.26E-04
6.19E+03	6.85E-04
6.19E+03	-2.21E-05
6.19E+03	-7.46E-04
6.20E+03	-5.70E-04
6.20E+03	3.37E-04
6.20E+03	8.78E-04
6.20E+03	4.48E-04
6.20E+03	-3.46E-04
6.20E+03	-6.45E-04
6.20E+03	-2.96E-04
6.20E+03	2.47E-04
6.20E+03	5.73E-04

6.20E+03	5.01E-04
6.21E+03	7.69E-05
6.21E+03	-4.27E-04
6.21E+03	-4.64E-04
6.21E+03	1.47E-04
6.21E+03	7.18E-04
6.21E+03	4.72E-04
6.21E+03	-2.87E-04
6.21E+03	-5.21E-04
6.21E+03	4.89E-05
6.21E+03	6.37E-04
6.22E+03	5.39E-04
6.22E+03	-2.85E-05
6.22E+03	-3.83E-04
6.22E+03	-2.48E-04
6.22E+03	1.28E-04
6.22E+03	4.27E-04
6.22E+03	4.98E-04
6.22E+03	2.88E-04
6.22E+03	-1.80E-04
6.22E+03	-4.63E-04
6.23E+03	-1.34E-04
6.23E+03	4.75E-04
6.23E+03	5.67E-04
6.23E+03	4.38E-07
6.23E+03	-3.73E-04
6.23E+03	-5.45E-05
6.23E+03	4.10E-04
6.23E+03	3.09E-04
6.23E+03	-1.36E-04
6.23E+03	-2.72E-04
6.24E+03	-3.06E-05
6.24E+03	1.81E-04
6.24E+03	2.16E-04
6.24E+03	1.67E-04
6.24E+03	1.11E-04
6.24E+03	-8.48E-05
6.24E+03	-3.14E-04
6.24E+03	-2.40E-04
6.24E+03	1.94E-04
6.24E+03	4.51E-04
6.25E+03	9.87E-05
6.25E+03	-3.75E-04
6.25E+03	-2.65E-04
6.25E+03	1.81E-04
6.25E+03	2.78E-04
6.25E+03	-8.05E-05

6.25E+03	-3.06E-04
6.25E+03	-1.22E-04
6.25E+03	8.72E-05
6.25E+03	1.08E-04
6.26E+03	1.08E-04
6.26E+03	7.94E-05
6.26E+03	-9.33E-05
6.26E+03	-3.55E-04
6.26E+03	-3.28E-04
6.26E+03	1.01E-04
6.26E+03	4.41E-04
6.26E+03	2.14E-04
6.26E+03	-3.27E-04
6.26E+03	-4.19E-04
6.27E+03	3.63E-05
6.27E+03	3.07E-04
6.27E+03	-1.58E-05
6.27E+03	-3.24E-04
6.27E+03	-1.23E-04
6.27E+03	1.92E-04
6.27E+03	1.47E-04
6.27E+03	-3.76E-05
6.27E+03	-6.46E-05
6.27E+03	-7.47E-05
6.28E+03	-2.11E-04
6.28E+03	-2.16E-04
6.28E+03	8.15E-05
6.28E+03	3.70E-04
6.28E+03	2.26E-04
6.28E+03	-2.49E-04
6.28E+03	-4.57E-04
6.28E+03	-1.42E-04
6.28E+03	2.73E-04
6.28E+03	2.29E-04
6.29E+03	-1.18E-04
6.29E+03	-2.02E-04
6.29E+03	-3.51E-06
6.29E+03	4.36E-05
6.29E+03	-2.29E-05
6.29E+03	4.64E-05
6.29E+03	1.26E-04
6.29E+03	-1.12E-04
6.29E+03	-3.57E-04
6.29E+03	-1.56E-04
6.30E+03	3.72E-04
6.30E+03	4.56E-04
6.30E+03	-3.26E-05

6.30E+03	-4.45E-04
6.30E+03	-2.97E-04
6.30E+03	1.25E-04
6.30E+03	2.95E-04
6.30E+03	1.35E-04
6.30E+03	-4.29E-05
6.30E+03	1.32E-05
6.31E+03	2.46E-05
6.31E+03	-1.07E-04
6.31E+03	-5.60E-05
6.31E+03	2.08E-04
6.31E+03	2.04E-04
6.31E+03	-8.96E-05
6.31E+03	-1.59E-04
6.31E+03	1.90E-04
6.31E+03	3.73E-04
6.31E+03	8.19E-05
6.32E+03	-2.23E-04
6.32E+03	-8.67E-05
6.32E+03	2.14E-04
6.32E+03	2.19E-04
6.32E+03	6.44E-05
6.32E+03	5.47E-05
6.32E+03	2.03E-04
6.32E+03	1.93E-04
6.32E+03	-6.31E-05
6.32E+03	-1.86E-04
6.33E+03	1.38E-04
6.33E+03	4.08E-04
6.33E+03	1.81E-04
6.33E+03	-1.32E-04
6.33E+03	3.44E-06
6.33E+03	2.90E-04
6.33E+03	1.91E-04
6.33E+03	-1.44E-04
6.33E+03	-8.79E-05
6.33E+03	2.46E-04
6.34E+03	2.97E-04
6.34E+03	1.95E-05
6.34E+03	-9.83E-05
6.34E+03	6.74E-05
6.34E+03	1.92E-04
6.34E+03	9.47E-05
6.34E+03	-6.85E-05
6.34E+03	-3.50E-05
6.34E+03	1.12E-04
6.34E+03	7.64E-05

6.35E+03	-2.32E-05
6.35E+03	1.02E-04
6.35E+03	2.41E-04
6.35E+03	7.60E-06
6.35E+03	-4.05E-04
6.35E+03	-2.82E-04
6.35E+03	3.27E-04
6.35E+03	5.08E-04
6.35E+03	1.67E-05
6.35E+03	-4.17E-04
6.36E+03	-2.33E-04
6.36E+03	9.14E-05
6.36E+03	1.24E-04
6.36E+03	1.04E-05
6.36E+03	7.75E-06
6.36E+03	1.37E-05
6.36E+03	-9.52E-05
6.36E+03	-1.94E-04
6.36E+03	-2.23E-05
6.36E+03	2.70E-04
6.37E+03	1.36E-04
6.37E+03	-3.42E-04
6.37E+03	-4.32E-04
6.37E+03	1.02E-04
6.37E+03	4.94E-04
6.37E+03	1.35E-04
6.37E+03	-3.94E-04
6.37E+03	-3.10E-04
6.37E+03	8.06E-05
6.37E+03	9.33E-05
6.38E+03	-8.14E-05
6.38E+03	3.72E-05
6.38E+03	2.00E-04
6.38E+03	-5.88E-05
6.38E+03	-4.04E-04
6.38E+03	-2.25E-04
6.38E+03	3.57E-04
6.38E+03	4.29E-04
6.38E+03	-2.12E-04
6.38E+03	-6.37E-04
6.39E+03	-1.35E-04
6.39E+03	5.53E-04
6.39E+03	4.02E-04
6.39E+03	-3.26E-04
6.39E+03	-5.10E-04
6.39E+03	5.05E-07
6.39E+03	2.63E-04

6.39E+03	-5.04E-05
6.39E+03	-1.42E-04
6.39E+03	2.18E-04
6.40E+03	2.27E-04
6.40E+03	-3.25E-04
6.40E+03	-5.37E-04
6.40E+03	5.04E-05
6.40E+03	6.01E-04
6.40E+03	2.55E-04
6.40E+03	-4.77E-04
6.40E+03	-4.53E-04
6.40E+03	2.64E-04
6.40E+03	4.85E-04
6.41E+03	-8.53E-05
6.41E+03	-4.93E-04
6.41E+03	-4.79E-05
6.41E+03	4.25E-04
6.41E+03	1.52E-04
6.41E+03	-3.09E-04
6.41E+03	-8.54E-05
6.41E+03	3.91E-04
6.41E+03	1.38E-04
6.41E+03	-4.16E-04
6.42E+03	-2.32E-04
6.42E+03	4.53E-04
6.42E+03	5.21E-04
6.42E+03	-1.55E-04
6.42E+03	-4.95E-04
6.42E+03	6.14E-05
6.42E+03	6.02E-04
6.42E+03	2.33E-04
6.42E+03	-3.85E-04
6.42E+03	-2.53E-04
6.43E+03	3.88E-04
6.43E+03	5.11E-04
6.43E+03	-4.19E-05
6.43E+03	-2.80E-04
6.43E+03	1.23E-04
6.43E+03	3.48E-04
6.43E+03	-1.75E-05
6.43E+03	-2.01E-04
6.43E+03	2.18E-04
6.43E+03	4.94E-04
6.44E+03	1.11E-04
6.44E+03	-3.26E-04
6.44E+03	-8.57E-05
6.44E+03	4.00E-04

6.44E+03	3.12E-04
6.44E+03	-1.78E-04
6.44E+03	-2.11E-04
6.44E+03	2.59E-04
6.44E+03	4.74E-04
6.44E+03	7.74E-05
6.45E+03	-2.98E-04
6.45E+03	-1.04E-04
6.45E+03	2.48E-04
6.45E+03	1.44E-04
6.45E+03	-8.98E-05
6.45E+03	7.90E-05
6.45E+03	3.20E-04
6.45E+03	7.98E-05
6.45E+03	-3.65E-04
6.45E+03	-2.26E-04
6.46E+03	2.87E-04
6.46E+03	4.10E-04
6.46E+03	-5.51E-05
6.46E+03	-3.49E-04
6.46E+03	-8.74E-05
6.46E+03	2.36E-04
6.46E+03	1.77E-04
6.46E+03	-6.66E-05
6.46E+03	-1.25E-04
6.46E+03	-5.17E-05
6.47E+03	-1.04E-04
6.47E+03	-1.13E-04
6.47E+03	1.70E-04
6.47E+03	3.77E-04
6.47E+03	4.08E-05
6.47E+03	-4.85E-04
6.47E+03	-4.50E-04
6.47E+03	1.32E-04
6.47E+03	4.48E-04
6.47E+03	1.32E-04
6.48E+03	-2.49E-04
6.48E+03	-1.80E-04
6.48E+03	2.08E-05
6.48E+03	-2.15E-05
6.48E+03	-1.11E-04
6.48E+03	4.17E-05
6.48E+03	1.70E-04
6.48E+03	-4.43E-05
6.48E+03	-3.13E-04
6.48E+03	-1.31E-04
6.49E+03	3.10E-04

6.49E+03	2.92E-04
6.49E+03	-2.30E-04
6.49E+03	-4.64E-04
6.49E+03	-1.17E-04
6.49E+03	2.91E-04
6.49E+03	2.24E-04
6.49E+03	-4.44E-05
6.49E+03	-6.35E-05
6.49E+03	-2.20E-05
6.50E+03	-1.91E-04
6.50E+03	-2.85E-04
6.50E+03	2.12E-05
6.50E+03	3.95E-04
6.50E+03	2.23E-04
6.50E+03	-2.85E-04
6.50E+03	-3.85E-04
6.50E+03	3.65E-05
6.50E+03	3.16E-04
6.50E+03	1.91E-05
6.51E+03	-2.89E-04
6.51E+03	-1.06E-04
6.51E+03	1.95E-04
6.51E+03	1.18E-04
6.51E+03	-1.50E-04
6.51E+03	-7.45E-05
6.51E+03	1.75E-04
6.51E+03	8.47E-05
6.51E+03	-2.76E-04
6.51E+03	-2.75E-04
6.52E+03	1.74E-04
6.52E+03	4.35E-04
6.52E+03	1.26E-04
6.52E+03	-2.48E-04
6.52E+03	-2.05E-04
6.52E+03	4.25E-05
6.52E+03	9.15E-05
6.52E+03	-1.08E-05
6.52E+03	1.04E-04
6.52E+03	2.85E-04
6.53E+03	1.43E-04
6.53E+03	-2.05E-04
6.53E+03	-2.03E-04
6.53E+03	1.68E-04
6.53E+03	3.35E-04
6.53E+03	9.34E-05
6.53E+03	-1.60E-04
6.53E+03	-2.72E-05

6.53E+03	2.65E-04
6.53E+03	2.59E-04
6.54E+03	1.40E-05
6.54E+03	-6.78E-05
6.54E+03	3.94E-05
6.54E+03	8.59E-05
6.54E+03	2.84E-05
6.54E+03	1.06E-04
6.54E+03	3.04E-04
6.54E+03	3.11E-04
6.54E+03	-2.43E-05
6.54E+03	-2.70E-04
6.55E+03	-7.37E-05
6.55E+03	2.61E-04
6.55E+03	3.42E-04
6.55E+03	1.48E-04
6.55E+03	-4.15E-05
6.55E+03	-5.28E-05
6.55E+03	6.74E-05
6.55E+03	1.15E-04
6.55E+03	1.20E-04
6.55E+03	7.76E-05
6.56E+03	-2.48E-05
6.56E+03	-6.19E-05
6.56E+03	4.96E-05
6.56E+03	2.05E-04
6.56E+03	2.37E-04
6.56E+03	3.37E-05
6.56E+03	-2.64E-04
6.56E+03	-2.67E-04
6.56E+03	5.33E-05
6.56E+03	3.31E-04
6.57E+03	2.97E-04
6.57E+03	-1.48E-05
6.57E+03	-2.76E-04
6.57E+03	-2.34E-04
6.57E+03	3.33E-05
6.57E+03	2.25E-04
6.57E+03	1.38E-04
6.57E+03	-8.00E-05
6.57E+03	-1.54E-04
6.57E+03	-6.25E-05
6.58E+03	1.81E-05
6.58E+03	6.82E-05
6.58E+03	1.05E-04
6.58E+03	1.02E-05
6.58E+03	-2.43E-04

6.58E+03	-3.14E-04
6.58E+03	2.30E-05
6.58E+03	4.13E-04
6.58E+03	3.36E-04
6.58E+03	-2.09E-04
6.59E+03	-5.68E-04
6.59E+03	-2.71E-04
6.59E+03	2.78E-04
6.59E+03	3.65E-04
6.59E+03	1.56E-06
6.59E+03	-2.07E-04
6.59E+03	-7.79E-05
6.59E+03	-2.44E-05
6.59E+03	-1.64E-04
6.59E+03	-7.55E-05
6.60E+03	2.62E-04
6.60E+03	2.45E-04
6.60E+03	-2.74E-04
6.60E+03	-4.85E-04
6.60E+03	4.10E-05
6.60E+03	5.77E-04
6.60E+03	2.61E-04
6.60E+03	-4.99E-04
6.60E+03	-5.79E-04
6.60E+03	1.11E-04
6.61E+03	5.22E-04
6.61E+03	1.39E-04
6.61E+03	-3.11E-04
6.61E+03	-1.30E-04
6.61E+03	1.71E-04
6.61E+03	-8.46E-05
6.61E+03	-3.99E-04
6.61E+03	3.16E-07
6.61E+03	5.83E-04
6.61E+03	2.38E-04
6.62E+03	-6.01E-04
6.62E+03	-5.38E-04
6.62E+03	3.89E-04
6.62E+03	7.19E-04
6.62E+03	-1.19E-04
6.62E+03	-7.81E-04
6.62E+03	-2.30E-04
6.62E+03	6.31E-04
6.62E+03	5.18E-04
6.62E+03	-2.84E-04
6.63E+03	-4.43E-04
6.63E+03	1.41E-04

6.63E+03	3.07E-04
6.63E+03	-2.22E-04
6.63E+03	-3.44E-04
6.63E+03	3.99E-04
6.63E+03	7.39E-04
6.63E+03	-1.07E-04
6.63E+03	-8.59E-04
6.63E+03	-2.21E-04
6.64E+03	8.55E-04
6.64E+03	6.38E-04
6.64E+03	-4.61E-04
6.64E+03	-6.37E-04
6.64E+03	3.20E-04
6.64E+03	7.80E-04
6.64E+03	1.03E-04
6.64E+03	-5.14E-04
6.64E+03	-9.40E-05
6.64E+03	5.13E-04
6.65E+03	2.09E-04
6.65E+03	-3.71E-04
6.65E+03	-2.83E-05
6.65E+03	7.58E-04
6.65E+03	4.74E-04
6.65E+03	-6.13E-04
6.65E+03	-7.50E-04
6.65E+03	4.30E-04
6.65E+03	1.10E-03
6.65E+03	2.01E-04
6.66E+03	-7.66E-04
6.66E+03	-3.23E-04
6.66E+03	6.60E-04
6.66E+03	5.63E-04
6.66E+03	-2.85E-04
6.66E+03	-4.24E-04
6.66E+03	2.19E-04
6.66E+03	4.35E-04
6.66E+03	-8.89E-05
6.66E+03	-2.66E-04
6.67E+03	3.18E-04
6.67E+03	5.85E-04
6.67E+03	-1.95E-04
6.67E+03	-8.89E-04
6.67E+03	-2.21E-04
6.67E+03	9.28E-04
6.67E+03	7.79E-04
6.67E+03	-4.05E-04
6.67E+03	-8.32E-04

6.67E+03	-2.12E-05
6.68E+03	5.81E-04
6.68E+03	1.26E-04
6.68E+03	-3.61E-04
6.68E+03	-7.31E-05
6.68E+03	3.21E-04
6.68E+03	3.67E-06
6.68E+03	-3.88E-04
6.68E+03	-7.26E-05
6.68E+03	4.71E-04
6.68E+03	2.32E-04
6.69E+03	-5.87E-04
6.69E+03	-6.51E-04
6.69E+03	2.89E-04
6.69E+03	8.72E-04
6.69E+03	1.95E-04
6.69E+03	-7.02E-04
6.69E+03	-5.72E-04
6.69E+03	2.03E-04
6.69E+03	3.74E-04
6.69E+03	-4.00E-05
6.70E+03	-1.59E-04
6.70E+03	1.31E-04
6.70E+03	9.54E-05
6.70E+03	-2.58E-04
6.70E+03	-2.58E-04
6.70E+03	1.93E-04
6.70E+03	3.50E-04
6.70E+03	-1.49E-04
6.70E+03	-5.35E-04
6.70E+03	-1.36E-04
6.71E+03	5.43E-04
6.71E+03	4.85E-04
6.71E+03	-2.68E-04
6.71E+03	-6.65E-04
6.71E+03	-2.21E-04
6.71E+03	3.04E-04
6.71E+03	2.74E-04
6.71E+03	1.78E-05
6.71E+03	1.21E-05
6.71E+03	1.16E-05
6.72E+03	-2.08E-04
6.72E+03	-3.23E-04
6.72E+03	1.11E-05
6.72E+03	3.76E-04
6.72E+03	2.00E-04
6.72E+03	-2.54E-04

6.72E+03	-3.46E-04
6.72E+03	5.76E-05
6.72E+03	3.93E-04
6.72E+03	1.89E-04
6.73E+03	-3.13E-04
6.73E+03	-4.09E-04
6.73E+03	-1.47E-05
6.73E+03	3.10E-04
6.73E+03	2.68E-04
6.73E+03	6.83E-05
6.73E+03	-5.68E-05
6.73E+03	-1.84E-04
6.73E+03	-2.22E-04
6.73E+03	-4.90E-05
6.74E+03	2.48E-04
6.74E+03	3.22E-04
6.74E+03	5.20E-05
6.74E+03	-2.08E-04
6.74E+03	-1.44E-04
6.74E+03	1.19E-04
6.74E+03	2.61E-04
6.74E+03	9.36E-05
6.74E+03	-1.78E-04
6.74E+03	-1.73E-04
6.75E+03	1.53E-04
6.75E+03	3.92E-04
6.75E+03	2.83E-04
6.75E+03	-2.73E-06
6.75E+03	-2.06E-04
6.75E+03	-1.86E-04
6.75E+03	3.20E-05
6.75E+03	2.99E-04
6.75E+03	3.88E-04
6.75E+03	2.23E-04
6.76E+03	-1.47E-05
6.76E+03	-1.74E-04
6.76E+03	-1.17E-04
6.76E+03	1.35E-04
6.76E+03	3.41E-04
6.76E+03	2.49E-04
6.76E+03	-6.91E-05
6.76E+03	-1.99E-04
6.76E+03	9.71E-05
6.76E+03	3.80E-04
6.77E+03	2.75E-04
6.77E+03	-7.88E-05
6.77E+03	-2.80E-04

6.77E+03	-1.36E-04
6.77E+03	1.97E-04
6.77E+03	3.71E-04
6.77E+03	2.26E-04
6.77E+03	1.11E-05
6.77E+03	-1.21E-04
6.77E+03	-2.02E-04
6.78E+03	-1.31E-04
6.78E+03	1.01E-04
6.78E+03	3.40E-04
6.78E+03	2.58E-04
6.78E+03	-1.13E-04
6.78E+03	-3.16E-04
6.78E+03	-5.17E-05
6.78E+03	2.54E-04
6.78E+03	1.54E-04
6.78E+03	-1.49E-04
6.79E+03	-2.65E-04
6.79E+03	-3.29E-05
6.79E+03	2.60E-04
6.79E+03	2.28E-04
6.79E+03	-5.02E-05
6.79E+03	-1.95E-04
6.79E+03	-1.67E-04
6.79E+03	-1.06E-04
6.79E+03	-4.62E-05
6.79E+03	9.10E-05
6.80E+03	2.76E-04
6.80E+03	1.48E-04
6.80E+03	-2.70E-04
6.80E+03	-4.26E-04
6.80E+03	-6.88E-05
6.80E+03	2.85E-04
6.80E+03	2.06E-04
6.80E+03	-1.53E-04
6.80E+03	-2.89E-04
6.80E+03	-3.19E-05
6.81E+03	2.39E-04
6.81E+03	1.16E-04
6.81E+03	-1.65E-04
6.81E+03	-2.27E-04
6.81E+03	-6.30E-05
6.81E+03	2.89E-05
6.81E+03	-1.59E-05
6.81E+03	6.27E-05
6.81E+03	2.48E-04
6.81E+03	1.07E-04

6.82E+03	-3.22E-04
6.82E+03	-4.58E-04
6.82E+03	-1.59E-05
6.82E+03	4.17E-04
6.82E+03	3.11E-04
6.82E+03	-1.54E-04
6.82E+03	-3.52E-04
6.82E+03	-8.25E-05
6.82E+03	2.04E-04
6.82E+03	9.07E-05
6.83E+03	-1.46E-04
6.83E+03	-1.15E-04
6.83E+03	6.20E-05
6.83E+03	6.11E-05
6.83E+03	-7.99E-05
6.83E+03	-9.77E-06
6.83E+03	1.91E-04
6.83E+03	9.25E-05
6.83E+03	-3.00E-04
6.83E+03	-3.66E-04
6.84E+03	1.14E-04
6.84E+03	4.57E-04
6.84E+03	2.21E-04
6.84E+03	-2.49E-04
6.84E+03	-3.06E-04
6.84E+03	3.74E-05
6.84E+03	2.15E-04
6.84E+03	3.84E-05
6.84E+03	-8.66E-05
6.84E+03	6.84E-05
6.85E+03	2.05E-04
6.85E+03	1.87E-05
6.85E+03	-1.66E-04
6.85E+03	9.97E-06
6.85E+03	2.69E-04
6.85E+03	1.54E-04
6.85E+03	-2.17E-04
6.85E+03	-1.88E-04
6.85E+03	2.81E-04
6.85E+03	4.81E-04
6.86E+03	9.49E-05
6.86E+03	-2.97E-04
6.86E+03	-1.53E-04
6.86E+03	2.33E-04
6.86E+03	2.99E-04
6.86E+03	2.71E-05
6.86E+03	-1.46E-05

6.86E+03	1.93E-04
6.86E+03	1.93E-04
6.86E+03	-7.18E-05
6.87E+03	-1.47E-04
6.87E+03	1.85E-04
6.87E+03	3.82E-04
6.87E+03	1.04E-04
6.87E+03	-2.44E-04
6.87E+03	-4.58E-05
6.87E+03	4.10E-04
6.87E+03	3.50E-04
6.87E+03	-1.77E-04
6.87E+03	-3.16E-04
6.88E+03	1.11E-04
6.88E+03	4.17E-04
6.88E+03	1.41E-04
6.88E+03	-2.19E-04
6.88E+03	-2.98E-05
6.88E+03	2.93E-04
6.88E+03	1.45E-04
6.88E+03	-2.43E-04
6.88E+03	-1.82E-04
6.88E+03	2.68E-04
6.89E+03	3.50E-04
6.89E+03	-9.92E-05
6.89E+03	-3.45E-04
6.89E+03	4.20E-05
6.89E+03	4.16E-04
6.89E+03	8.85E-05
6.89E+03	-4.39E-04
6.89E+03	-2.83E-04
6.89E+03	3.43E-04
6.89E+03	4.35E-04
6.90E+03	-1.45E-04
6.90E+03	-4.45E-04
6.90E+03	-5.09E-05
6.90E+03	3.09E-04
6.90E+03	2.19E-05
6.90E+03	-3.20E-04
6.90E+03	-5.52E-05
6.90E+03	3.37E-04
6.90E+03	1.17E-04
6.90E+03	-4.03E-04
6.91E+03	-3.54E-04
6.91E+03	2.62E-04
6.91E+03	4.71E-04
6.91E+03	-1.26E-04

6.91E+03	-5.80E-04
6.91E+03	-1.41E-04
6.91E+03	4.99E-04
6.91E+03	3.06E-04
6.91E+03	-3.54E-04
6.91E+03	-4.28E-04
6.92E+03	1.40E-04
6.92E+03	3.29E-04
6.92E+03	-1.25E-04
6.92E+03	-3.11E-04
6.92E+03	1.25E-04
6.92E+03	3.79E-04
6.92E+03	-8.78E-05
6.92E+03	-5.33E-04
6.92E+03	-1.84E-04
6.92E+03	4.69E-04
6.93E+03	3.92E-04
6.93E+03	-3.14E-04
6.93E+03	-5.28E-04
6.93E+03	4.63E-05
6.93E+03	4.89E-04
6.93E+03	1.14E-04
6.93E+03	-4.23E-04
6.93E+03	-2.65E-04
6.93E+03	2.52E-04
6.93E+03	2.45E-04
6.94E+03	-1.50E-04
6.94E+03	-1.64E-04
6.94E+03	1.81E-04
6.94E+03	1.33E-04
6.94E+03	-3.07E-04
6.94E+03	-3.42E-04
6.94E+03	1.96E-04
6.94E+03	5.47E-04
6.94E+03	1.07E-04
6.94E+03	-4.80E-04
6.95E+03	-3.94E-04
6.95E+03	2.05E-04
6.95E+03	4.06E-04
6.95E+03	3.85E-05
6.95E+03	-2.33E-04
6.95E+03	-6.26E-05
6.95E+03	1.42E-04
6.95E+03	4.87E-05
6.95E+03	-5.65E-05
6.95E+03	1.18E-04
6.96E+03	2.38E-04

6.96E+03	-5.35E-05
6.96E+03	-3.01E-04
6.96E+03	-5.25E-05
6.96E+03	4.22E-04
6.96E+03	4.49E-04
6.96E+03	-2.67E-05
6.96E+03	-3.67E-04
6.96E+03	-1.51E-04
6.96E+03	2.27E-04
6.97E+03	3.05E-04
6.97E+03	1.40E-04
6.97E+03	3.88E-05
6.97E+03	2.25E-05
6.97E+03	-2.30E-06
6.97E+03	-1.03E-05
6.97E+03	1.15E-04
6.97E+03	2.55E-04
6.97E+03	1.50E-04
6.97E+03	-9.86E-05
6.98E+03	-7.58E-05
6.98E+03	1.75E-04
6.98E+03	3.28E-04
6.98E+03	1.81E-04
6.98E+03	-1.03E-04
6.98E+03	-1.70E-04
6.98E+03	4.22E-06
6.98E+03	2.05E-04
6.98E+03	2.81E-04
6.98E+03	1.84E-04
6.99E+03	-1.68E-05
6.99E+03	-1.47E-04
6.99E+03	-9.87E-05
6.99E+03	8.31E-05
6.99E+03	2.03E-04
6.99E+03	1.36E-04
6.99E+03	-3.42E-05
6.99E+03	-8.25E-05
6.99E+03	3.13E-05
6.99E+03	1.01E-04
7.00E+03	7.65E-05
7.00E+03	1.21E-05
7.00E+03	-4.98E-05
7.00E+03	-1.22E-04
7.00E+03	-6.33E-05
7.00E+03	1.39E-04
7.00E+03	2.59E-04
7.00E+03	6.62E-05

7.00E+03	-2.48E-04
7.00E+03	-2.63E-04
7.01E+03	8.11E-06
7.01E+03	1.84E-04
7.01E+03	7.54E-05
7.01E+03	-6.30E-05
7.01E+03	-4.61E-05
7.01E+03	4.90E-05
7.01E+03	-2.49E-05
7.01E+03	-1.84E-04
7.01E+03	-9.47E-05
7.01E+03	1.13E-04
7.02E+03	7.87E-05
7.02E+03	-1.21E-04
7.02E+03	-1.01E-04
7.02E+03	1.40E-04
7.02E+03	1.64E-04
7.02E+03	-1.66E-04
7.02E+03	-3.34E-04
7.02E+03	-5.93E-05
7.02E+03	2.63E-04
7.02E+03	1.45E-04
7.03E+03	-1.37E-04
7.03E+03	-1.23E-04
7.03E+03	6.99E-05
7.03E+03	7.13E-05
7.03E+03	-1.75E-04
7.03E+03	-2.02E-04
7.03E+03	9.50E-05
7.03E+03	2.49E-04
7.03E+03	-3.52E-05
7.03E+03	-2.40E-04
7.04E+03	8.64E-06
7.04E+03	2.59E-04
7.04E+03	1.57E-05
7.04E+03	-3.94E-04
7.04E+03	-2.28E-04
7.04E+03	3.06E-04
7.04E+03	3.46E-04
7.04E+03	-1.16E-04
7.04E+03	-2.92E-04
7.04E+03	-4.13E-06
7.05E+03	1.95E-04
7.05E+03	-5.13E-05
7.05E+03	-3.07E-04
7.05E+03	-3.96E-05
7.05E+03	3.59E-04

7.05E+03	1.92E-04
7.05E+03	-2.70E-04
7.05E+03	-2.66E-04
7.05E+03	1.88E-04
7.05E+03	2.90E-04
7.06E+03	-1.97E-04
7.06E+03	-3.97E-04
7.06E+03	1.43E-04
7.06E+03	5.65E-04
7.06E+03	1.28E-04
7.06E+03	-4.33E-04
7.06E+03	-2.16E-04
7.06E+03	3.42E-04
7.06E+03	2.68E-04
7.06E+03	-2.41E-04
7.07E+03	-2.42E-04
7.07E+03	3.26E-04
7.07E+03	5.03E-04
7.07E+03	-7.79E-05
7.07E+03	-4.67E-04
7.07E+03	-3.37E-05
7.07E+03	5.30E-04
7.07E+03	2.86E-04
7.07E+03	-3.63E-04
7.07E+03	-2.62E-04
7.08E+03	5.07E-04
7.08E+03	6.11E-04
7.08E+03	-1.79E-04
7.08E+03	-5.09E-04
7.08E+03	1.12E-04
7.08E+03	5.64E-04
7.08E+03	1.20E-04
7.08E+03	-3.52E-04
7.08E+03	2.93E-05
7.08E+03	6.19E-04
7.09E+03	3.34E-04
7.09E+03	-4.45E-04
7.09E+03	-4.68E-04
7.09E+03	3.30E-04
7.09E+03	7.07E-04
7.09E+03	9.17E-05
7.09E+03	-4.91E-04
7.09E+03	-9.21E-05
7.09E+03	5.53E-04
7.09E+03	2.81E-04
7.10E+03	-4.45E-04
7.10E+03	-3.21E-04

7.10E+03	4.41E-04
7.10E+03	4.83E-04
7.10E+03	-2.59E-04
7.10E+03	-4.40E-04
7.10E+03	2.75E-04
7.10E+03	6.03E-04
7.10E+03	-1.03E-04
7.10E+03	-7.14E-04
7.11E+03	-2.09E-04
7.11E+03	6.23E-04
7.11E+03	5.10E-04
7.11E+03	-2.82E-04
7.11E+03	-5.27E-04
7.11E+03	6.50E-05
7.11E+03	4.14E-04
7.11E+03	-8.01E-05
7.11E+03	-4.64E-04
7.11E+03	2.73E-05
7.12E+03	5.27E-04
7.12E+03	8.15E-05
7.12E+03	-5.68E-04
7.12E+03	-2.54E-04
7.12E+03	4.88E-04
7.12E+03	3.75E-04
7.12E+03	-4.79E-04
7.12E+03	-6.16E-04
7.12E+03	2.11E-04
7.12E+03	6.85E-04
7.13E+03	1.31E-04
7.13E+03	-5.25E-04
7.13E+03	-3.49E-04
7.13E+03	2.10E-04
7.13E+03	2.24E-04
7.13E+03	-2.29E-04
7.13E+03	-1.89E-04
7.13E+03	3.46E-04
7.13E+03	3.24E-04
7.13E+03	-3.72E-04
7.14E+03	-5.80E-04
7.14E+03	1.42E-04
7.14E+03	6.56E-04
7.14E+03	7.08E-05
7.14E+03	-6.58E-04
7.14E+03	-3.28E-04
7.14E+03	4.88E-04
7.14E+03	4.85E-04
7.14E+03	-2.12E-04

7.14E+03	-5.11E-04
7.15E+03	-6.00E-05
7.15E+03	2.72E-04
7.15E+03	4.79E-05
7.15E+03	-1.94E-04
7.15E+03	7.80E-05
7.15E+03	3.59E-04
7.15E+03	-4.42E-05
7.15E+03	-5.67E-04
7.15E+03	-2.79E-04
7.15E+03	4.94E-04
7.16E+03	5.21E-04
7.16E+03	-2.34E-04
7.16E+03	-5.79E-04
7.16E+03	7.17E-06
7.16E+03	5.05E-04
7.16E+03	1.31E-04
7.16E+03	-3.88E-04
7.16E+03	-2.45E-04
7.16E+03	2.12E-04
7.16E+03	2.55E-04
7.17E+03	-5.48E-05
7.17E+03	-1.02E-04
7.17E+03	1.70E-04
7.17E+03	1.69E-04
7.17E+03	-2.50E-04
7.17E+03	-3.44E-04
7.17E+03	2.05E-04
7.17E+03	5.91E-04
7.17E+03	1.89E-04
7.17E+03	-4.23E-04
7.18E+03	-2.84E-04
7.18E+03	3.47E-04
7.18E+03	4.36E-04
7.18E+03	-7.21E-05
7.18E+03	-2.98E-04
7.18E+03	4.29E-05
7.18E+03	3.31E-04
7.18E+03	2.12E-04
7.18E+03	-2.82E-05
7.18E+03	9.64E-07
7.19E+03	1.28E-04
7.19E+03	2.81E-07
7.19E+03	-1.56E-04
7.19E+03	9.17E-05
7.19E+03	4.73E-04
7.19E+03	3.60E-04

7.19E+03	-1.88E-04
7.19E+03	-4.30E-04
7.19E+03	2.35E-05
7.19E+03	4.92E-04
7.20E+03	3.13E-04
7.20E+03	-1.47E-04
7.20E+03	-1.87E-04
7.20E+03	1.06E-04
7.20E+03	2.61E-04
7.20E+03	1.41E-04
7.20E+03	-1.16E-05
7.20E+03	-2.66E-05
7.20E+03	-3.70E-05
7.20E+03	-7.93E-05
7.21E+03	4.47E-05
7.21E+03	3.28E-04
7.21E+03	3.35E-04
7.21E+03	-7.33E-05
7.21E+03	-4.50E-04
7.21E+03	-2.88E-04
7.21E+03	2.85E-04
7.21E+03	4.94E-04
7.21E+03	1.25E-04
7.21E+03	-3.01E-04
7.22E+03	-2.88E-04
7.22E+03	1.53E-05
7.22E+03	2.29E-04
7.22E+03	1.59E-04
7.22E+03	-4.25E-05
7.22E+03	-2.01E-04
7.22E+03	-1.92E-04
7.22E+03	5.28E-06
7.22E+03	2.57E-04
7.22E+03	2.89E-04
7.23E+03	-2.55E-05
7.23E+03	-3.90E-04
7.23E+03	-4.27E-04
7.23E+03	7.79E-06
7.23E+03	4.61E-04
7.23E+03	3.96E-04
7.23E+03	-8.62E-05
7.23E+03	-4.45E-04
7.23E+03	-3.51E-04
7.23E+03	4.61E-05
7.24E+03	3.41E-04
7.24E+03	2.62E-04
7.24E+03	-8.91E-05

7.24E+03	-3.50E-04
7.24E+03	-2.54E-04
7.24E+03	1.32E-04
7.24E+03	3.69E-04
7.24E+03	2.00E-04
7.24E+03	-2.48E-04
7.24E+03	-4.72E-04
7.25E+03	-2.13E-04
7.25E+03	2.88E-04
7.25E+03	5.00E-04
7.25E+03	1.91E-04
7.25E+03	-2.96E-04
7.25E+03	-5.26E-04
7.25E+03	-2.73E-04
7.25E+03	2.25E-04
7.25E+03	4.96E-04
7.25E+03	2.60E-04
7.26E+03	-2.46E-04
7.26E+03	-5.20E-04
7.26E+03	-2.33E-04
7.26E+03	3.01E-04
7.26E+03	4.78E-04
7.26E+03	8.68E-05
7.26E+03	-4.17E-04
7.26E+03	-4.56E-04
7.26E+03	2.96E-05
7.26E+03	4.71E-04
7.27E+03	4.12E-04
7.27E+03	-7.18E-05
7.27E+03	-4.48E-04
7.27E+03	-4.04E-04
7.27E+03	-1.88E-05
7.27E+03	4.03E-04
7.27E+03	5.09E-04
7.27E+03	1.49E-04
7.27E+03	-3.77E-04
7.27E+03	-5.55E-04
7.28E+03	-1.34E-04
7.28E+03	5.02E-04
7.28E+03	6.03E-04
7.28E+03	2.61E-05
7.28E+03	-5.15E-04
7.28E+03	-3.73E-04
7.28E+03	2.52E-04
7.28E+03	5.62E-04
7.28E+03	2.61E-04
7.28E+03	-2.00E-04

7.29E+03	-3.43E-04
7.29E+03	-1.17E-04
7.29E+03	1.92E-04
7.29E+03	4.38E-04
7.29E+03	4.02E-04
7.29E+03	3.08E-05
7.29E+03	-4.20E-04
7.29E+03	-4.49E-04
7.29E+03	1.53E-04
7.29E+03	7.45E-04
7.30E+03	5.80E-04
7.30E+03	-1.98E-04
7.30E+03	-5.97E-04
7.30E+03	-1.56E-04
7.30E+03	4.83E-04
7.30E+03	5.10E-04
7.30E+03	7.46E-05
7.30E+03	-2.12E-04
7.30E+03	-1.57E-04
7.30E+03	1.15E-05
7.31E+03	1.90E-04
7.31E+03	3.71E-04
7.31E+03	3.11E-04
7.31E+03	-1.12E-04
7.31E+03	-5.08E-04
7.31E+03	-3.04E-04
7.31E+03	4.18E-04
7.31E+03	7.87E-04
7.31E+03	2.47E-04
7.31E+03	-5.49E-04
7.32E+03	-5.68E-04
7.32E+03	7.33E-05
7.32E+03	4.92E-04
7.32E+03	2.83E-04
7.32E+03	-5.42E-05
7.32E+03	-1.12E-04
7.32E+03	-1.44E-04
7.32E+03	-1.97E-04
7.32E+03	4.56E-05
7.32E+03	4.09E-04
7.33E+03	2.94E-04
7.33E+03	-3.07E-04
7.33E+03	-5.85E-04
7.33E+03	-1.20E-04
7.33E+03	5.72E-04
7.33E+03	5.16E-04
7.33E+03	-2.27E-04

7.33E+03	-6.36E-04
7.33E+03	-2.54E-04
7.33E+03	2.79E-04
7.34E+03	2.81E-04
7.34E+03	4.24E-05
7.34E+03	3.92E-06
7.34E+03	-2.07E-05
7.34E+03	-2.90E-04
7.34E+03	-3.76E-04
7.34E+03	1.53E-04
7.34E+03	5.75E-04
7.34E+03	1.85E-04
7.34E+03	-5.25E-04
7.35E+03	-5.08E-04
7.35E+03	1.67E-04
7.35E+03	5.61E-04
7.35E+03	1.53E-04
7.35E+03	-4.10E-04
7.35E+03	-3.85E-04
7.35E+03	7.84E-05
7.35E+03	2.44E-04
7.35E+03	5.43E-05
7.35E+03	5.69E-06
7.36E+03	1.24E-04
7.36E+03	-8.63E-05
7.36E+03	-4.77E-04
7.36E+03	-2.62E-04
7.36E+03	4.94E-04
7.36E+03	6.32E-04
7.36E+03	-1.47E-04
7.36E+03	-6.98E-04
7.36E+03	-2.72E-04
7.36E+03	4.06E-04
7.37E+03	4.01E-04
7.37E+03	-1.11E-04
7.37E+03	-3.15E-04
7.37E+03	-4.60E-05
7.37E+03	1.28E-04
7.37E+03	-3.97E-06
7.37E+03	-3.06E-05
7.37E+03	1.74E-04
7.37E+03	1.64E-04
7.37E+03	-2.91E-04
7.38E+03	-4.94E-04
7.38E+03	1.03E-04
7.38E+03	7.35E-04
7.38E+03	3.56E-04

7.38E+03	-5.37E-04
7.38E+03	-6.24E-04
7.38E+03	9.81E-05
7.38E+03	5.18E-04
7.38E+03	1.97E-04
7.38E+03	-1.61E-04
7.39E+03	-6.12E-05
7.39E+03	8.36E-05
7.39E+03	-4.64E-05
7.39E+03	-1.09E-04
7.39E+03	1.77E-04
7.39E+03	3.76E-04
7.39E+03	4.23E-05
7.39E+03	-4.31E-04
7.39E+03	-2.19E-04
7.39E+03	5.38E-04
7.40E+03	6.84E-04
7.40E+03	-8.82E-05
7.40E+03	-6.70E-04
7.40E+03	-2.17E-04
7.40E+03	5.15E-04
7.40E+03	5.10E-04
7.40E+03	4.49E-05
7.40E+03	-9.23E-05
7.40E+03	5.66E-05
7.40E+03	-2.36E-05
7.41E+03	-1.52E-04
7.41E+03	9.80E-05
7.41E+03	4.83E-04
7.41E+03	3.40E-04
7.41E+03	-2.46E-04
7.41E+03	-4.43E-04
7.41E+03	1.31E-04
7.41E+03	6.89E-04
7.41E+03	3.57E-04
7.41E+03	-4.36E-04
7.42E+03	-5.40E-04
7.42E+03	1.46E-04
7.42E+03	5.86E-04
7.42E+03	3.24E-04
7.42E+03	-7.98E-05
7.42E+03	-1.35E-04
7.42E+03	-1.29E-04
7.42E+03	-2.03E-04
7.42E+03	-9.70E-06
7.42E+03	4.23E-04
7.43E+03	4.76E-04

7.43E+03	-8.41E-05
7.43E+03	-5.71E-04
7.43E+03	-2.90E-04
7.43E+03	3.77E-04
7.43E+03	5.49E-04
7.43E+03	-1.57E-05
7.43E+03	-5.30E-04
7.43E+03	-3.24E-04
7.43E+03	2.58E-04
7.44E+03	4.35E-04
7.44E+03	1.39E-04
7.44E+03	-1.46E-04
7.44E+03	-2.96E-04
7.44E+03	-3.42E-04
7.44E+03	-1.16E-04
7.44E+03	3.69E-04
7.44E+03	5.91E-04
7.44E+03	9.60E-05
7.44E+03	-5.77E-04
7.45E+03	-5.93E-04
7.45E+03	8.32E-06
7.45E+03	5.12E-04
7.45E+03	3.92E-04
7.45E+03	-1.56E-04
7.45E+03	-4.36E-04
7.45E+03	-2.32E-04
7.45E+03	1.45E-04
7.45E+03	3.34E-04
7.45E+03	2.02E-04
7.46E+03	-1.45E-04
7.46E+03	-4.67E-04
7.46E+03	-3.94E-04
7.46E+03	1.62E-04
7.46E+03	6.97E-04
7.46E+03	4.45E-04
7.46E+03	-3.89E-04
7.46E+03	-7.74E-04
7.46E+03	-3.25E-04
7.46E+03	3.50E-04
7.47E+03	5.49E-04
7.47E+03	2.45E-04
7.47E+03	-1.96E-04
7.47E+03	-4.24E-04
7.47E+03	-3.02E-04
7.47E+03	7.84E-05
7.47E+03	4.26E-04
7.47E+03	3.20E-04

7.47E+03	-2.20E-04
7.47E+03	-5.98E-04
7.48E+03	-2.86E-04
7.48E+03	4.63E-04
7.48E+03	7.14E-04
7.48E+03	7.80E-05
7.48E+03	-6.82E-04
7.48E+03	-6.53E-04
7.48E+03	3.78E-05
7.48E+03	5.46E-04
7.48E+03	5.13E-04
7.48E+03	1.50E-04
7.49E+03	-2.92E-04
7.49E+03	-5.48E-04
7.49E+03	-3.34E-04
7.49E+03	2.76E-04
7.49E+03	6.89E-04
7.49E+03	3.68E-04
7.49E+03	-3.83E-04
7.49E+03	-6.52E-04
7.49E+03	-9.68E-05
7.49E+03	6.22E-04
7.50E+03	6.23E-04
7.50E+03	-1.01E-04
7.50E+03	-6.34E-04
7.50E+03	-3.68E-04
7.50E+03	2.50E-04
7.50E+03	5.96E-04
7.50E+03	4.78E-04
7.50E+03	9.35E-05
7.50E+03	-4.05E-04
7.50E+03	-6.12E-04
7.51E+03	-1.47E-04
7.51E+03	6.34E-04
7.51E+03	8.70E-04
7.51E+03	2.17E-04
7.51E+03	-5.49E-04
7.51E+03	-6.03E-04
7.51E+03	9.21E-05
7.51E+03	6.76E-04
7.51E+03	5.04E-04
7.51E+03	-8.45E-05
7.52E+03	-4.05E-04
7.52E+03	-2.00E-04
7.52E+03	2.45E-04
7.52E+03	4.93E-04
7.52E+03	4.10E-04

7.52E+03	9.63E-06
7.52E+03	-4.93E-04
7.52E+03	-5.21E-04
7.52E+03	1.33E-04
7.52E+03	8.12E-04
7.53E+03	6.87E-04
7.53E+03	-1.25E-04
7.53E+03	-7.17E-04
7.53E+03	-4.70E-04
7.53E+03	2.25E-04
7.53E+03	6.08E-04
7.53E+03	3.96E-04
7.53E+03	-1.09E-04
7.53E+03	-3.70E-04
7.53E+03	-2.58E-04
7.54E+03	9.28E-05
7.54E+03	3.70E-04
7.54E+03	3.09E-04
7.54E+03	-8.32E-05
7.54E+03	-4.97E-04
7.54E+03	-3.77E-04
7.54E+03	2.71E-04
7.54E+03	6.91E-04
7.54E+03	3.24E-04
7.54E+03	-4.01E-04
7.55E+03	-6.77E-04
7.55E+03	-2.64E-04
7.55E+03	3.21E-04
7.55E+03	5.11E-04
7.55E+03	2.51E-04
7.55E+03	-1.67E-04
7.55E+03	-3.99E-04
7.55E+03	-3.04E-04
7.55E+03	1.97E-05
7.55E+03	2.99E-04
7.56E+03	2.87E-04
7.56E+03	-7.61E-05
7.56E+03	-4.16E-04
7.56E+03	-2.74E-04
7.56E+03	2.68E-04
7.56E+03	4.88E-04
7.56E+03	7.05E-05
7.56E+03	-4.69E-04
7.56E+03	-4.36E-04
7.56E+03	1.36E-05
7.57E+03	3.73E-04
7.57E+03	3.23E-04

7.57E+03	3.14E-05
7.57E+03	-1.95E-04
7.57E+03	-2.98E-04
7.57E+03	-2.28E-04
7.57E+03	1.43E-05
7.57E+03	2.93E-04
7.57E+03	3.11E-04
7.57E+03	-3.69E-05
7.58E+03	-3.95E-04
7.58E+03	-2.74E-04
7.58E+03	2.03E-04
7.58E+03	3.55E-04
7.58E+03	-4.09E-05
7.58E+03	-3.63E-04
7.58E+03	-1.73E-04
7.58E+03	2.09E-04
7.58E+03	2.46E-04
7.58E+03	-3.13E-06
7.59E+03	-1.07E-04
7.59E+03	-4.11E-05
7.59E+03	-7.75E-05
7.59E+03	-1.79E-04
7.59E+03	-5.00E-05
7.59E+03	2.71E-04
7.59E+03	3.50E-04
7.59E+03	-3.31E-05
7.59E+03	-4.20E-04
7.59E+03	-2.44E-04
7.60E+03	2.44E-04
7.60E+03	3.07E-04
7.60E+03	-6.53E-05
7.60E+03	-2.00E-04
7.60E+03	1.23E-04
7.60E+03	2.86E-04
7.60E+03	-3.27E-05
7.60E+03	-2.91E-04
7.60E+03	-9.70E-08
7.60E+03	3.39E-04
7.61E+03	1.66E-04
7.61E+03	-2.14E-04
7.61E+03	-1.46E-04
7.61E+03	2.82E-04
7.61E+03	3.88E-04
7.61E+03	-3.31E-05
7.61E+03	-3.37E-04
7.61E+03	-5.53E-05
7.61E+03	3.30E-04

7.61E+03	2.31E-04
7.62E+03	-8.83E-05
7.62E+03	-2.67E-06
7.62E+03	3.34E-04
7.62E+03	1.96E-04
7.62E+03	-2.97E-04
7.62E+03	-2.88E-04
7.62E+03	3.24E-04
7.62E+03	5.95E-04
7.62E+03	9.11E-05
7.62E+03	-3.79E-04
7.63E+03	-1.49E-04
7.63E+03	3.49E-04
7.63E+03	3.36E-04
7.63E+03	-9.98E-05
7.63E+03	-2.03E-04
7.63E+03	1.05E-04
7.63E+03	2.36E-04
7.63E+03	1.42E-05
7.63E+03	-8.26E-05
7.63E+03	1.92E-04
7.64E+03	3.10E-04
7.64E+03	-1.15E-04
7.64E+03	-4.81E-04
7.64E+03	-7.69E-05
7.64E+03	5.74E-04
7.64E+03	4.66E-04
7.64E+03	-2.43E-04
7.64E+03	-5.24E-04
7.64E+03	-5.82E-05
7.64E+03	3.44E-04
7.65E+03	1.88E-04
7.65E+03	-9.52E-05
7.65E+03	-6.47E-05
7.65E+03	6.63E-05
7.65E+03	-5.96E-05
7.65E+03	-1.52E-04
7.65E+03	7.66E-05
7.65E+03	3.19E-04
7.65E+03	7.94E-05
7.65E+03	-4.08E-04
7.66E+03	-3.85E-04
7.66E+03	2.21E-04
7.66E+03	5.64E-04
7.66E+03	1.03E-04
7.66E+03	-4.76E-04
7.66E+03	-3.80E-04

7.66E+03	1.38E-04
7.66E+03	2.76E-04
7.66E+03	5.49E-05
7.66E+03	-4.61E-05
7.67E+03	-5.36E-06
7.67E+03	-1.01E-04
7.67E+03	-2.38E-04
7.67E+03	-4.31E-05
7.67E+03	3.17E-04
7.67E+03	2.63E-04
7.67E+03	-2.22E-04
7.67E+03	-4.75E-04
7.67E+03	-7.60E-05
7.67E+03	4.32E-04
7.68E+03	3.29E-04
7.68E+03	-2.06E-04
7.68E+03	-4.13E-04
7.68E+03	-8.35E-05
7.68E+03	2.29E-04
7.68E+03	1.42E-04
7.68E+03	-1.68E-06
7.68E+03	-7.10E-06
7.68E+03	-7.01E-05
7.68E+03	-2.51E-04
7.69E+03	-1.53E-04
7.69E+03	2.56E-04
7.69E+03	3.93E-04
7.69E+03	-2.47E-05
7.69E+03	-4.26E-04
7.69E+03	-2.77E-04
7.69E+03	2.33E-04
7.69E+03	3.69E-04
7.69E+03	3.75E-06
7.69E+03	-3.02E-04
7.70E+03	-1.63E-04
7.70E+03	1.24E-04
7.70E+03	1.57E-04
7.70E+03	3.13E-05
7.70E+03	-3.24E-06
7.70E+03	-2.13E-05
7.70E+03	-1.62E-04
7.70E+03	-1.72E-04
7.70E+03	1.67E-04
7.70E+03	4.32E-04
7.71E+03	1.29E-04
7.71E+03	-3.91E-04
7.71E+03	-3.51E-04

7.71E+03	1.55E-04
7.71E+03	4.55E-04
7.71E+03	1.85E-04
7.71E+03	-1.96E-04
7.71E+03	-1.97E-04
7.71E+03	7.18E-05
7.71E+03	1.96E-04
7.72E+03	1.52E-04
7.72E+03	6.92E-05
7.72E+03	2.43E-05
7.72E+03	-7.61E-05
7.72E+03	-1.44E-04
7.72E+03	1.20E-04
7.72E+03	4.69E-04
7.72E+03	3.30E-04
7.72E+03	-2.40E-04
7.72E+03	-4.66E-04
7.73E+03	-1.39E-05
7.73E+03	5.00E-04
7.73E+03	4.70E-04
7.73E+03	3.23E-06
7.73E+03	-2.63E-04
7.73E+03	-1.17E-04
7.73E+03	1.27E-04
7.73E+03	2.21E-04
7.73E+03	2.06E-04
7.73E+03	9.49E-05
7.74E+03	-7.25E-05
7.74E+03	-1.80E-04
7.74E+03	7.81E-06
7.74E+03	3.43E-04
7.74E+03	4.12E-04
7.74E+03	-1.23E-05
7.74E+03	-4.57E-04
7.74E+03	-3.09E-04
7.74E+03	2.56E-04
7.74E+03	5.56E-04
7.75E+03	2.84E-04
7.75E+03	-1.78E-04
7.75E+03	-3.51E-04
7.75E+03	-1.86E-04
7.75E+03	1.19E-04
7.75E+03	3.12E-04
7.75E+03	2.48E-04
7.75E+03	-4.74E-05
7.75E+03	-3.14E-04
7.75E+03	-2.13E-04

7.76E+03	1.69E-04
7.76E+03	3.69E-04
7.76E+03	1.18E-04
7.76E+03	-2.90E-04
7.76E+03	-3.81E-04
7.76E+03	-6.30E-05
7.76E+03	3.06E-04
7.76E+03	3.60E-04
7.76E+03	1.04E-04
7.76E+03	-2.54E-04
7.77E+03	-4.40E-04
7.77E+03	-2.36E-04
7.77E+03	2.06E-04
7.77E+03	4.56E-04
7.77E+03	2.27E-04
7.77E+03	-2.66E-04
7.77E+03	-4.59E-04
7.77E+03	-1.42E-04
7.77E+03	2.92E-04
7.77E+03	2.82E-04
7.78E+03	-6.61E-05
7.78E+03	-2.80E-04
7.78E+03	-1.68E-04
7.78E+03	6.45E-05
7.78E+03	1.80E-04
7.78E+03	1.74E-04
7.78E+03	3.95E-05
7.78E+03	-2.21E-04
7.78E+03	-3.93E-04
7.78E+03	-1.36E-04
7.79E+03	3.51E-04
7.79E+03	4.93E-04
7.79E+03	8.60E-05
7.79E+03	-4.08E-04
7.79E+03	-4.33E-04
7.79E+03	-1.42E-05
7.79E+03	3.19E-04
7.79E+03	2.31E-04
7.79E+03	-6.24E-05
7.79E+03	-1.70E-04
7.80E+03	-9.73E-05
7.80E+03	-6.59E-06
7.80E+03	6.65E-05
7.80E+03	1.51E-04
7.80E+03	5.88E-05
7.80E+03	-1.99E-04
7.80E+03	-3.04E-04

7.80E+03	-2.79E-06
7.80E+03	3.73E-04
7.80E+03	3.32E-04
7.81E+03	-7.77E-05
7.81E+03	-3.94E-04
7.81E+03	-2.98E-04
7.81E+03	4.53E-05
7.81E+03	3.12E-04
7.81E+03	2.76E-04
7.81E+03	3.51E-05
7.81E+03	-1.48E-04
7.81E+03	-1.88E-04
7.81E+03	-7.58E-05
7.82E+03	1.33E-04
7.82E+03	2.38E-04
7.82E+03	1.13E-04
7.82E+03	-1.31E-04
7.82E+03	-1.56E-04
7.82E+03	9.72E-05
7.82E+03	2.83E-04
7.82E+03	1.89E-04
7.82E+03	-5.25E-05
7.82E+03	-1.99E-04
7.83E+03	-1.52E-04
7.83E+03	1.07E-04
7.83E+03	3.59E-04
7.83E+03	3.64E-04
7.83E+03	5.28E-05
7.83E+03	-2.38E-04
7.83E+03	-2.33E-04
7.83E+03	5.45E-05
7.83E+03	3.10E-04
7.83E+03	3.27E-04
7.84E+03	9.51E-05
7.84E+03	-1.02E-04
7.84E+03	-9.01E-05
7.84E+03	7.85E-05
7.84E+03	1.98E-04
7.84E+03	1.83E-04
7.84E+03	4.57E-05
7.84E+03	-1.01E-04
7.84E+03	-1.22E-04
7.84E+03	1.12E-04
7.85E+03	3.83E-04
7.85E+03	3.14E-04
7.85E+03	-9.42E-05
7.85E+03	-3.61E-04

7.85E+03	-1.77E-04
7.85E+03	1.98E-04
7.85E+03	3.63E-04
7.85E+03	2.54E-04
7.85E+03	-1.57E-05
7.85E+03	-1.92E-04
7.86E+03	-1.74E-04
7.86E+03	5.31E-06
7.86E+03	1.82E-04
7.86E+03	1.96E-04
7.86E+03	1.78E-05
7.86E+03	-2.02E-04
7.86E+03	-1.72E-04
7.86E+03	1.28E-04
7.86E+03	2.99E-04
7.86E+03	9.70E-05
7.87E+03	-2.87E-04
7.87E+03	-3.31E-04
7.87E+03	-3.78E-05
7.87E+03	2.75E-04
7.87E+03	2.85E-04
7.87E+03	5.91E-05
7.87E+03	-1.88E-04
7.87E+03	-3.02E-04
7.87E+03	-1.42E-04
7.87E+03	9.75E-05
7.88E+03	2.56E-04
7.88E+03	1.50E-04
7.88E+03	-1.39E-04
7.88E+03	-2.77E-04
7.88E+03	-8.93E-05
7.88E+03	2.00E-04
7.88E+03	1.95E-04
7.88E+03	-8.56E-05
7.88E+03	-2.95E-04
7.88E+03	-1.88E-04
7.89E+03	1.26E-04
7.89E+03	3.09E-04
7.89E+03	1.69E-04
7.89E+03	-1.16E-04
7.89E+03	-3.36E-04
7.89E+03	-2.58E-04
7.89E+03	8.05E-05
7.89E+03	3.09E-04
7.89E+03	2.18E-04
7.89E+03	-7.34E-05
7.90E+03	-3.06E-04

7.90E+03	-1.97E-04
7.90E+03	1.06E-04
7.90E+03	2.59E-04
7.90E+03	9.85E-05
7.90E+03	-1.77E-04
7.90E+03	-2.65E-04
7.90E+03	-8.39E-05
7.90E+03	2.27E-04
7.90E+03	3.27E-04
7.91E+03	6.54E-05
7.91E+03	-3.38E-04
7.91E+03	-4.12E-04
7.91E+03	-2.26E-05
7.91E+03	4.22E-04
7.91E+03	3.85E-04
7.91E+03	-5.32E-05
7.91E+03	-3.74E-04
7.91E+03	-2.89E-04
7.91E+03	3.71E-05
7.92E+03	2.91E-04
7.92E+03	2.57E-04
7.92E+03	9.98E-06
7.92E+03	-2.45E-04
7.92E+03	-2.67E-04
7.92E+03	2.90E-06
7.92E+03	3.82E-04
7.92E+03	4.05E-04
7.92E+03	-8.38E-05
7.92E+03	-5.38E-04
7.93E+03	-3.42E-04
7.93E+03	3.78E-04
7.93E+03	7.15E-04
7.93E+03	2.29E-04
7.93E+03	-3.99E-04
7.93E+03	-4.52E-04
7.93E+03	-1.60E-05
7.93E+03	3.56E-04
7.93E+03	4.14E-04
7.93E+03	1.97E-04
7.94E+03	-7.95E-05
7.94E+03	-2.90E-04
7.94E+03	-2.41E-04
7.94E+03	1.97E-04
7.94E+03	6.33E-04
7.94E+03	4.45E-04
7.94E+03	-3.30E-04
7.94E+03	-7.14E-04

7.94E+03	-6.16E-05
7.94E+03	8.08E-04
7.95E+03	7.37E-04
7.95E+03	-1.43E-04
7.95E+03	-6.64E-04
7.95E+03	-3.10E-04
7.95E+03	3.14E-04
7.95E+03	5.35E-04
7.95E+03	3.61E-04
7.95E+03	3.43E-05
7.95E+03	-2.74E-04
7.95E+03	-4.25E-04
7.96E+03	-1.30E-04
7.96E+03	5.07E-04
7.96E+03	7.66E-04
7.96E+03	1.78E-04
7.96E+03	-7.38E-04
7.96E+03	-7.39E-04
7.96E+03	2.94E-04
7.96E+03	9.99E-04
7.96E+03	4.42E-04
7.96E+03	-5.39E-04
7.97E+03	-7.17E-04
7.97E+03	-9.18E-05
7.97E+03	4.54E-04
7.97E+03	4.85E-04
7.97E+03	1.87E-04
7.97E+03	-1.91E-04
7.97E+03	-5.28E-04
7.97E+03	-4.52E-04
7.97E+03	1.67E-04
7.97E+03	7.68E-04
7.98E+03	5.76E-04
7.98E+03	-3.49E-04
7.98E+03	-9.93E-04
7.98E+03	-4.74E-04
7.98E+03	6.48E-04
7.98E+03	9.41E-04
7.98E+03	7.20E-05
7.98E+03	-7.38E-04
7.98E+03	-6.00E-04
7.98E+03	6.56E-05
7.99E+03	4.81E-04
7.99E+03	4.14E-04
7.99E+03	5.44E-05
7.99E+03	-4.08E-04
7.99E+03	-6.12E-04

7.99E+03	-2.01E-04
7.99E+03	5.58E-04
7.99E+03	7.60E-04
7.99E+03	1.01E-04
7.99E+03	-7.56E-04
8.00E+03	-8.49E-04
8.00E+03	3.86E-06
8.00E+03	8.66E-04
8.00E+03	6.91E-04
8.00E+03	-2.26E-04
8.00E+03	-7.55E-04
8.00E+03	-4.51E-04
8.00E+03	1.82E-04
8.00E+03	5.24E-04
8.00E+03	3.99E-04
8.01E+03	-1.02E-04
8.01E+03	-5.70E-04
8.01E+03	-4.96E-04
8.01E+03	1.73E-04
8.01E+03	7.23E-04
8.01E+03	4.34E-04
8.01E+03	-3.57E-04
8.01E+03	-8.00E-04
8.01E+03	-4.10E-04
8.01E+03	4.01E-04
8.02E+03	8.09E-04
8.02E+03	3.64E-04
8.02E+03	-4.31E-04
8.02E+03	-7.31E-04
8.02E+03	-3.05E-04
8.02E+03	3.41E-04
8.02E+03	6.19E-04
8.02E+03	3.11E-04
8.02E+03	-3.00E-04
8.02E+03	-5.90E-04
8.03E+03	-2.09E-04
8.03E+03	4.35E-04
8.03E+03	5.77E-04
8.03E+03	5.74E-05
8.03E+03	-4.75E-04
8.03E+03	-4.49E-04
8.03E+03	2.71E-05
8.03E+03	5.13E-04
8.03E+03	5.82E-04
8.03E+03	9.44E-05
8.04E+03	-5.00E-04
8.04E+03	-5.64E-04

8.04E+03	-1.20E-05
8.04E+03	5.79E-04
8.04E+03	6.23E-04
8.04E+03	8.71E-05
8.04E+03	-4.42E-04
8.04E+03	-3.95E-04
8.04E+03	1.18E-04
8.04E+03	4.92E-04
8.05E+03	3.24E-04
8.05E+03	-1.01E-04
8.05E+03	-2.63E-04
8.05E+03	-7.68E-05
8.05E+03	2.07E-04
8.05E+03	3.99E-04
8.05E+03	3.33E-04
8.05E+03	-7.49E-05
8.05E+03	-4.29E-04
8.05E+03	-2.78E-04
8.06E+03	3.05E-04
8.06E+03	6.64E-04
8.06E+03	3.80E-04
8.06E+03	-2.13E-04
8.06E+03	-4.44E-04
8.06E+03	-1.46E-04
8.06E+03	2.74E-04
8.06E+03	3.52E-04
8.06E+03	1.21E-04
8.06E+03	-5.97E-05
8.07E+03	-6.45E-05
8.07E+03	2.48E-05
8.07E+03	8.93E-05
8.07E+03	1.60E-04
8.07E+03	1.15E-04
8.07E+03	-1.39E-04
8.07E+03	-2.56E-04
8.07E+03	-1.02E-05
8.07E+03	3.88E-04
8.07E+03	3.82E-04
8.08E+03	-3.26E-05
8.08E+03	-3.86E-04
8.08E+03	-2.86E-04
8.08E+03	6.09E-05
8.08E+03	2.44E-04
8.08E+03	1.75E-04
8.08E+03	2.23E-05
8.08E+03	-3.77E-05
8.08E+03	-7.02E-05

8.08E+03	-1.11E-04
8.09E+03	-6.73E-05
8.09E+03	4.16E-05
8.09E+03	5.51E-05
8.09E+03	-6.28E-05
8.09E+03	-7.37E-05
8.09E+03	1.02E-04
8.09E+03	1.96E-04
8.09E+03	2.69E-05
8.09E+03	-2.37E-04
8.09E+03	-2.61E-04
8.10E+03	-1.53E-05
8.10E+03	1.69E-04
8.10E+03	1.36E-04
8.10E+03	3.13E-05
8.10E+03	6.75E-06
8.10E+03	-1.13E-05
8.10E+03	-1.35E-04
8.10E+03	-1.91E-04
8.10E+03	-6.18E-05
8.10E+03	1.28E-04
8.11E+03	1.56E-04
8.11E+03	3.07E-05
8.11E+03	-4.26E-05
8.11E+03	-1.04E-05
8.11E+03	-3.61E-05
8.11E+03	-1.50E-04
8.11E+03	-1.32E-04
8.11E+03	3.39E-05
8.11E+03	1.70E-04
8.11E+03	9.58E-05
8.12E+03	-7.32E-05
8.12E+03	-6.22E-05
8.12E+03	4.03E-05
8.12E+03	1.90E-05
8.12E+03	-1.71E-04
8.12E+03	-2.25E-04
8.12E+03	3.38E-05
8.12E+03	2.76E-04
8.12E+03	2.09E-04
8.12E+03	-6.30E-05
8.13E+03	-1.95E-04
8.13E+03	-1.28E-04
8.13E+03	-6.13E-05
8.13E+03	-1.40E-05
8.13E+03	7.92E-05
8.13E+03	1.93E-04

8.13E+03	1.47E-04
8.13E+03	-8.65E-05
8.13E+03	-2.01E-04
8.13E+03	-5.10E-05
8.14E+03	1.64E-04
8.14E+03	1.17E-04
8.14E+03	-1.50E-04
8.14E+03	-1.76E-04
8.14E+03	1.71E-04
8.14E+03	4.12E-04
8.14E+03	1.70E-04
8.14E+03	-2.42E-04
8.14E+03	-3.30E-04
8.14E+03	-6.06E-05
8.15E+03	2.08E-04
8.15E+03	2.41E-04
8.15E+03	1.78E-04
8.15E+03	1.13E-04
8.15E+03	-2.17E-05
8.15E+03	-1.64E-04
8.15E+03	-1.10E-04
8.15E+03	1.58E-04
8.15E+03	3.23E-04
8.15E+03	1.55E-04
8.16E+03	-1.73E-04
8.16E+03	-1.35E-04
8.16E+03	2.82E-04
8.16E+03	4.51E-04
8.16E+03	6.50E-05
8.16E+03	-3.69E-04
8.16E+03	-2.98E-04
8.16E+03	1.84E-04
8.16E+03	5.04E-04
8.16E+03	3.27E-04
8.17E+03	1.31E-05
8.17E+03	-1.75E-04
8.17E+03	-1.89E-04
8.17E+03	-5.27E-05
8.17E+03	1.57E-04
8.17E+03	3.10E-04
8.17E+03	2.34E-04
8.17E+03	-4.75E-05
8.17E+03	-2.56E-04
8.17E+03	-7.72E-05
8.18E+03	3.22E-04
8.18E+03	3.31E-04
8.18E+03	-1.15E-04

8.18E+03	-4.50E-04
8.18E+03	-1.78E-04
8.18E+03	3.86E-04
8.18E+03	5.48E-04
8.18E+03	1.29E-04
8.18E+03	-3.53E-04
8.18E+03	-4.47E-04
8.19E+03	-1.34E-04
8.19E+03	2.51E-04
8.19E+03	3.75E-04
8.19E+03	2.05E-04
8.19E+03	-1.07E-04
8.19E+03	-3.04E-04
8.19E+03	-2.44E-04