

	1	2	3	4	5	6
mean	4.561E-03	4.655E-03	4.750E-03	4.845E-03	4.939E-03	5.035E-03
S. D.	7.242E-04	7.259E-04	7.281E-04	7.300E-04	7.327E-04	7.366E-04

4.64E-03	4.78E-03	4.94E-03	5.07E-03	5.21E-03	5.34E-03	1
5.03E-03	5.12E-03	5.20E-03	5.29E-03	5.38E-03	5.45E-03	2
4.08E-03	4.17E-03	4.30E-03	4.39E-03	4.48E-03	4.60E-03	3
5.09E-03	5.24E-03	5.38E-03	5.53E-03	5.64E-03	5.79E-03	4
4.54E-03	4.64E-03	4.77E-03	4.87E-03	4.96E-03	5.05E-03	5
5.99E-03	6.07E-03	6.15E-03	6.24E-03	6.31E-03	6.39E-03	6
4.72E-03	4.79E-03	4.86E-03	4.93E-03	5.00E-03	5.08E-03	
4.15E-03	4.24E-03	4.35E-03	4.48E-03	4.58E-03	4.68E-03	
5.35E-03	5.44E-03	5.52E-03	5.65E-03	5.74E-03	5.81E-03	
4.10E-03	4.26E-03	4.42E-03	4.58E-03	4.74E-03	4.96E-03	
4.07E-03	4.16E-03	4.30E-03	4.39E-03	4.49E-03	4.58E-03	
4.05E-03	4.15E-03	4.25E-03	4.35E-03	4.45E-03	4.56E-03	
4.74E-03	4.81E-03	4.88E-03	4.95E-03	5.02E-03	5.09E-03	
6.43E-03	6.49E-03	6.56E-03	6.62E-03	6.69E-03	6.75E-03	
4.59E-03	4.65E-03	4.71E-03	4.77E-03	4.84E-03	4.90E-03	
4.46E-03	4.56E-03	4.66E-03	4.75E-03	4.85E-03	4.98E-03	
4.19E-03	4.30E-03	4.41E-03	4.52E-03	4.62E-03	4.73E-03	
5.66E-03	5.77E-03	5.89E-03	6.00E-03	6.11E-03	6.22E-03	
4.29E-03	4.37E-03	4.44E-03	4.52E-03	4.59E-03	4.66E-03	
4.07E-03	4.13E-03	4.20E-03	4.26E-03	4.33E-03	4.39E-03	
3.92E-03	4.00E-03	4.08E-03	4.16E-03	4.24E-03	4.34E-03	
5.58E-03	5.71E-03	5.87E-03	5.99E-03	6.11E-03	6.23E-03	
5.27E-03	5.34E-03	5.40E-03	5.46E-03	5.52E-03	5.58E-03	
4.72E-03	4.79E-03	4.86E-03	4.93E-03	5.03E-03	5.10E-03	
4.76E-03	4.86E-03	4.95E-03	5.03E-03	5.13E-03	5.23E-03	
4.48E-03	4.56E-03	4.63E-03	4.75E-03	4.83E-03	4.90E-03	
5.14E-03	5.24E-03	5.34E-03	5.44E-03	5.54E-03	5.64E-03	
3.87E-03	3.94E-03	4.01E-03	4.08E-03	4.15E-03	4.23E-03	
4.80E-03	4.92E-03	5.04E-03	5.20E-03	5.32E-03	5.44E-03	
4.00E-03	4.07E-03	4.14E-03	4.21E-03	4.27E-03	4.34E-03	
4.35E-03	4.44E-03	4.53E-03	4.63E-03	4.72E-03	4.80E-03	
4.55E-03	4.60E-03	4.66E-03	4.72E-03	4.78E-03	4.84E-03	
4.92E-03	5.03E-03	5.14E-03	5.25E-03	5.35E-03	5.46E-03	
4.44E-03	4.51E-03	4.59E-03	4.71E-03	4.79E-03	4.87E-03	
4.67E-03	4.81E-03	4.90E-03	4.99E-03	5.08E-03	5.17E-03	
4.55E-03	4.65E-03	4.74E-03	4.84E-03	4.93E-03	5.03E-03	
6.43E-03	6.53E-03	6.65E-03	6.75E-03	6.85E-03	6.97E-03	
4.97E-03	5.06E-03	5.16E-03	5.25E-03	5.35E-03	5.45E-03	
4.25E-03	4.36E-03	4.47E-03	4.62E-03	4.73E-03	4.84E-03	
3.62E-03	3.71E-03	3.80E-03	3.89E-03	3.99E-03	4.08E-03	
4.19E-03	4.27E-03	4.35E-03	4.43E-03	4.52E-03	4.59E-03	
5.45E-03	5.57E-03	5.65E-03	5.73E-03	5.85E-03	5.92E-03	
3.89E-03	3.98E-03	4.07E-03	4.16E-03	4.25E-03	4.35E-03	
6.44E-03	6.54E-03	6.66E-03	6.76E-03	6.86E-03	6.97E-03	

5.53E-03	5.63E-03	5.73E-03	5.84E-03	5.94E-03	6.08E-03
5.57E-03	5.67E-03	5.73E-03	5.80E-03	5.86E-03	5.93E-03
4.94E-03	5.01E-03	5.08E-03	5.14E-03	5.21E-03	5.28E-03
3.08E-03	3.15E-03	3.23E-03	3.29E-03	3.37E-03	3.44E-03
4.27E-03	4.40E-03	4.54E-03	4.67E-03	4.80E-03	4.90E-03
3.92E-03	4.04E-03	4.16E-03	4.27E-03	4.39E-03	4.50E-03
5.06E-03	5.15E-03	5.26E-03	5.35E-03	5.46E-03	5.56E-03
3.78E-03	3.88E-03	3.98E-03	4.08E-03	4.17E-03	4.28E-03
4.34E-03	4.43E-03	4.52E-03	4.61E-03	4.71E-03	4.80E-03
4.02E-03	4.12E-03	4.20E-03	4.28E-03	4.35E-03	4.43E-03
4.83E-03	4.99E-03	5.11E-03	5.25E-03	5.37E-03	5.51E-03
4.55E-03	4.64E-03	4.73E-03	4.82E-03	4.90E-03	4.99E-03
4.33E-03	4.39E-03	4.46E-03	4.53E-03	4.59E-03	4.66E-03
4.34E-03	4.43E-03	4.52E-03	4.61E-03	4.71E-03	4.81E-03
4.15E-03	4.21E-03	4.28E-03	4.34E-03	4.45E-03	4.51E-03
4.44E-03	4.56E-03	4.72E-03	4.87E-03	4.98E-03	5.13E-03
4.23E-03	4.33E-03	4.43E-03	4.54E-03	4.64E-03	4.76E-03
5.02E-03	5.17E-03	5.29E-03	5.40E-03	5.52E-03	5.67E-03
4.26E-03	4.34E-03	4.43E-03	4.55E-03	4.64E-03	4.72E-03
4.66E-03	4.72E-03	4.78E-03	4.85E-03	4.91E-03	4.97E-03
4.37E-03	4.52E-03	4.68E-03	4.84E-03	4.99E-03	5.18E-03
6.03E-03	6.12E-03	6.22E-03	6.31E-03	6.40E-03	6.48E-03
3.45E-03	3.55E-03	3.65E-03	3.75E-03	3.86E-03	3.96E-03
4.66E-03	4.79E-03	4.91E-03	5.04E-03	5.16E-03	5.29E-03
7.22E-03	7.33E-03	7.45E-03	7.56E-03	7.68E-03	7.81E-03
3.97E-03	4.06E-03	4.15E-03	4.24E-03	4.33E-03	4.42E-03
4.09E-03	4.17E-03	4.24E-03	4.35E-03	4.43E-03	4.51E-03
4.59E-03	4.71E-03	4.82E-03	4.94E-03	5.05E-03	5.20E-03
3.85E-03	3.96E-03	4.08E-03	4.19E-03	4.34E-03	4.44E-03
3.61E-03	3.71E-03	3.80E-03	3.90E-03	4.00E-03	4.08E-03
5.09E-03	5.18E-03	5.26E-03	5.35E-03	5.44E-03	5.52E-03
4.84E-03	4.92E-03	5.00E-03	5.08E-03	5.17E-03	5.24E-03
4.41E-03	4.51E-03	4.60E-03	4.74E-03	4.84E-03	4.92E-03
3.06E-03	3.13E-03	3.20E-03	3.27E-03	3.34E-03	3.41E-03
4.81E-03	4.88E-03	4.94E-03	5.01E-03	5.08E-03	5.14E-03
4.63E-03	4.72E-03	4.81E-03	4.90E-03	4.99E-03	5.08E-03
4.11E-03	4.22E-03	4.32E-03	4.43E-03	4.54E-03	4.64E-03
5.76E-03	5.85E-03	5.94E-03	6.04E-03	6.17E-03	6.26E-03
4.96E-03	5.02E-03	5.08E-03	5.14E-03	5.20E-03	5.26E-03
5.02E-03	5.08E-03	5.15E-03	5.22E-03	5.29E-03	5.36E-03
4.11E-03	4.18E-03	4.25E-03	4.33E-03	4.40E-03	4.48E-03
4.07E-03	4.17E-03	4.28E-03	4.38E-03	4.49E-03	4.58E-03
3.77E-03	3.86E-03	4.00E-03	4.10E-03	4.20E-03	4.29E-03
5.24E-03	5.32E-03	5.40E-03	5.48E-03	5.55E-03	5.63E-03
4.02E-03	4.12E-03	4.22E-03	4.32E-03	4.43E-03	4.53E-03
4.34E-03	4.42E-03	4.51E-03	4.59E-03	4.67E-03	4.74E-03
4.80E-03	4.89E-03	4.98E-03	5.07E-03	5.16E-03	5.23E-03
5.19E-03	5.27E-03	5.34E-03	5.42E-03	5.49E-03	5.56E-03
4.91E-03	4.99E-03	5.10E-03	5.18E-03	5.25E-03	5.33E-03
3.85E-03	3.94E-03	4.02E-03	4.11E-03	4.19E-03	4.28E-03
3.40E-03	3.54E-03	3.64E-03	3.74E-03	3.84E-03	3.95E-03
4.61E-03	4.70E-03	4.79E-03	4.88E-03	4.97E-03	5.05E-03

5.55E-03	5.66E-03	5.80E-03	5.90E-03	6.01E-03	6.13E-03
4.07E-03	4.18E-03	4.25E-03	4.32E-03	4.39E-03	4.50E-03
5.61E-03	5.67E-03	5.74E-03	5.81E-03	5.87E-03	5.94E-03
5.08E-03	5.18E-03	5.29E-03	5.43E-03	5.55E-03	5.65E-03
5.23E-03	5.32E-03	5.41E-03	5.50E-03	5.59E-03	5.68E-03
3.77E-03	3.86E-03	3.95E-03	4.04E-03	4.13E-03	4.26E-03
3.72E-03	3.82E-03	3.93E-03	4.03E-03	4.14E-03	4.25E-03
5.85E-03	5.98E-03	6.07E-03	6.16E-03	6.30E-03	6.41E-03
4.92E-03	4.99E-03	5.06E-03	5.14E-03	5.21E-03	5.29E-03
3.82E-03	3.91E-03	4.01E-03	4.09E-03	4.18E-03	4.28E-03
3.73E-03	3.82E-03	3.91E-03	4.04E-03	4.13E-03	4.21E-03
3.78E-03	3.86E-03	3.95E-03	4.03E-03	4.15E-03	4.24E-03
3.98E-03	4.06E-03	4.14E-03	4.22E-03	4.33E-03	4.41E-03
3.75E-03	3.83E-03	3.93E-03	4.00E-03	4.08E-03	4.15E-03
4.47E-03	4.56E-03	4.64E-03	4.72E-03	4.81E-03	4.90E-03
4.38E-03	4.49E-03	4.59E-03	4.70E-03	4.82E-03	4.92E-03
3.35E-03	3.45E-03	3.55E-03	3.64E-03	3.74E-03	3.82E-03
5.92E-03	6.00E-03	6.09E-03	6.18E-03	6.27E-03	6.36E-03
5.12E-03	5.21E-03	5.30E-03	5.39E-03	5.48E-03	5.57E-03
4.92E-03	5.02E-03	5.14E-03	5.24E-03	5.33E-03	5.41E-03
3.94E-03	4.03E-03	4.12E-03	4.20E-03	4.29E-03	4.38E-03
4.61E-03	4.70E-03	4.78E-03	4.87E-03	4.95E-03	5.04E-03
3.89E-03	3.98E-03	4.07E-03	4.16E-03	4.25E-03	4.35E-03
4.13E-03	4.20E-03	4.28E-03	4.36E-03	4.44E-03	4.56E-03
4.55E-03	4.67E-03	4.79E-03	4.91E-03	5.07E-03	5.20E-03
3.96E-03	4.05E-03	4.14E-03	4.23E-03	4.32E-03	4.42E-03
3.58E-03	3.66E-03	3.73E-03	3.80E-03	3.88E-03	3.95E-03
5.50E-03	5.63E-03	5.75E-03	5.88E-03	6.00E-03	6.14E-03
4.78E-03	4.84E-03	4.90E-03	4.97E-03	5.03E-03	5.09E-03
4.39E-03	4.46E-03	4.54E-03	4.61E-03	4.68E-03	4.79E-03
4.58E-03	4.67E-03	4.77E-03	4.86E-03	4.96E-03	5.10E-03
4.15E-03	4.26E-03	4.35E-03	4.45E-03	4.55E-03	4.68E-03
4.43E-03	4.50E-03	4.57E-03	4.64E-03	4.72E-03	4.79E-03
3.78E-03	3.90E-03	4.02E-03	4.19E-03	4.31E-03	4.45E-03

1	2	3	4	5	6
1.00	1.00	1.00	1.00	0.99	0.99
1.00	1.00	1.00	1.00	1.00	0.99
1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00
0.99	1.00	1.00	1.00	1.00	1.00
0.99	0.99	1.00	1.00	1.00	1.00

External Dose	Annual EDE	Min Log10(Min) Round	3.06E-03 -2.51E+00 -3.00E+00	Number Number per bin	130 13
3.19E-10	4.64E-03	Multiplier	1.00E+03	caled Data	
1.77E-10	5.03E-03				
2.36E-10	4.08E-03	Mean	4.0816		shifted lognormal
3.54E-10	5.09E-03	SD	4.561		%ile
1.30E-10	4.54E-03		0.724		Values
1.77E-10	5.99E-03				0 0
6.38E-10	4.72E-03				0.1 3.775
7.56E-10	4.15E-03				0.2 3.966
1.54E-10	5.35E-03				0.3 4.103
5.55E-10	4.10E-03				0.4 4.314
4.25E-10	4.07E-03				0.5 4.469
7.56E-10	4.05E-03				0.6 4.636
3.78E-10	4.74E-03				0.7 4.832
2.48E-10	6.43E-03				0.8 5.079
2.60E-10	4.59E-03				0.9 5.552
1.89E-10	4.46E-03				1 7.216
1.77E-10	4.19E-03				
2.48E-10	5.66E-03				
5.79E-10	4.29E-03				
2.36E-10	4.07E-03				
2.48E-10	3.92E-03				lognormal
8.15E-10	5.58E-03				%ile
4.37E-10	5.27E-03				Values
2.01E-10	4.72E-03				0 0
2.24E-10	4.76E-03				0.1 3.775465
5.79E-10	4.48E-03				0.2 3.966027
4.02E-10	5.14E-03				0.3 4.103043
2.95E-10	3.87E-03				0.4 4.313642
3.19E-10	4.80E-03				0.5 4.469164
4.49E-10	4.00E-03				0.6 4.635733
2.84E-10	4.35E-03				0.7 4.832171
1.54E-10	4.55E-03				0.8 5.079071
3.66E-10	4.92E-03				0.9 5.552263
6.50E-10	4.44E-03				1 7.215966
2.01E-10	4.67E-03				
4.25E-10	4.55E-03				
2.84E-10	6.43E-03				
3.90E-10	4.97E-03				
3.31E-10	4.25E-03				
7.33E-10	3.62E-03				
6.97E-10	4.19E-03				
1.54E-10	5.45E-03				
3.31E-10	3.89E-03				
2.48E-10	6.44E-03				
7.21E-10	5.53E-03				
1.54E-10	5.57E-03				
5.91E-10	4.94E-03				
2.13E-10	3.08E-03				
4.73E-10	4.27E-03				

8.39E-10	3.92E-03	3.9216
4.84E-10	5.06E-03	5.0567
2.95E-10	3.78E-03	3.7801
4.96E-10	4.34E-03	4.3378
4.02E-10	4.02E-03	4.0160
4.73E-10	4.83E-03	4.8304
3.43E-10	4.55E-03	4.5536
2.01E-10	4.33E-03	4.3276
4.84E-10	4.34E-03	4.3436
2.24E-10	4.15E-03	4.1462
2.13E-10	4.44E-03	4.4445
4.14E-10	4.23E-03	4.2257
2.01E-10	5.02E-03	5.0228
6.85E-10	4.26E-03	4.2575
1.18E-10	4.66E-03	4.6565
1.30E-10	4.37E-03	4.3712
4.73E-10	6.03E-03	6.0331
6.73E-10	3.45E-03	3.4467
2.72E-10	4.66E-03	4.6619
7.68E-10	7.22E-03	7.2160
3.66E-10	3.97E-03	3.9673
2.48E-10	4.09E-03	4.0934
4.49E-10	4.59E-03	4.5938
2.24E-10	3.85E-03	3.8490
6.26E-10	3.61E-03	3.6116
4.25E-10	5.09E-03	5.0942
1.06E-10	4.84E-03	4.8363
6.14E-10	4.41E-03	4.4088
4.25E-10	3.06E-03	3.0624
3.66E-10	4.81E-03	4.8129
1.54E-10	4.63E-03	4.6301
2.72E-10	4.11E-03	4.1055
9.10E-10	5.76E-03	5.7561
2.72E-10	4.96E-03	4.9643
3.90E-10	5.02E-03	5.0181
2.60E-10	4.11E-03	4.1053
4.61E-10	4.07E-03	4.0694
3.66E-10	3.77E-03	3.7671
6.03E-10	5.24E-03	5.2413
8.39E-10	4.02E-03	4.0208
4.02E-10	4.34E-03	4.3407
6.38E-10	4.80E-03	4.7989
3.54E-10	5.19E-03	5.1868
5.08E-10	4.91E-03	4.9141
1.42E-10	3.85E-03	3.8480
1.42E-10	3.40E-03	3.3980
2.13E-10	4.61E-03	4.6128
4.61E-10	5.55E-03	5.5502
3.90E-10	4.07E-03	4.0678
4.14E-10	5.61E-03	5.6083
3.78E-10	5.08E-03	5.0757
5.55E-10	5.23E-03	5.2328

1.30E-10	3.77E-03	3.7668
5.32E-10	3.72E-03	3.7156
8.51E-10	5.85E-03	5.8522
2.60E-10	4.92E-03	4.9156
6.62E-10	3.82E-03	3.8235
9.45E-10	3.73E-03	3.7289
4.73E-10	3.78E-03	3.7821
3.90E-10	3.98E-03	3.9776
5.55E-10	3.75E-03	3.7536
1.89E-10	4.47E-03	4.4736
4.25E-10	4.38E-03	4.3803
4.84E-10	3.35E-03	3.3497
3.54E-10	5.92E-03	5.9196
1.13E-10	5.12E-03	5.1167
4.25E-10	4.92E-03	4.9186
3.19E-10	3.94E-03	3.9432
6.26E-10	4.61E-03	4.6078
1.89E-10	3.89E-03	3.8928
3.07E-10	4.13E-03	4.1266
3.66E-10	4.55E-03	4.5462
2.84E-10	3.96E-03	3.9609
2.48E-10	3.58E-03	3.5818
5.79E-10	5.50E-03	5.5032
5.32E-10	4.78E-03	4.7792
7.80E-11	4.39E-03	4.3872
3.54E-10	4.58E-03	4.5752
8.74E-10	4.15E-03	4.1493
9.69E-11	4.43E-03	4.4279
9.33E-11	3.78E-03	3.7764

1.0E-03 Multiplier

2.748083 Off-set

0.5338 Mean

0.3944 SD

Cum	Bin	
0.0000		
12.9212	12.9212	0.0005
25.5670	12.6458	0.0099
36.3816	10.8146	0.4416
53.8366	17.4550	1.1370
66.2034	12.3668	0.0324
78.2058	12.0023	0.0829
90.2769	12.0711	0.0715
102.1701	11.8932	0.1030
116.5246	14.3545	0.1278
129.0508	12.5262	0.0179

Chi Squared 2.0246

1.5033 Mean

0.1511 SD

16.0724	16.0724	0.5873
26.3876	10.3152	0.6988
35.3862	8.9987	1.7792
50.9257	15.5395	0.4150
62.9097	11.9840	0.0861
75.4024	12.4927	0.0206
88.8173	13.4149	0.0128
102.7067	13.8894	0.0569
119.4298	16.7231	0.8289
129.8869	10.4571	0.6183

Chi Squared 5.1041

External Dose	Annual EDE
4.25E-08	4.78E-03
2.36E-08	5.12E-03
3.19E-08	4.17E-03
4.84E-08	5.24E-03
1.77E-08	4.64E-03
2.48E-08	6.07E-03
8.74E-08	4.79E-03
1.03E-07	4.24E-03
2.13E-08	5.44E-03
7.56E-08	4.26E-03
5.79E-08	4.16E-03
1.03E-07	4.15E-03
5.08E-08	4.81E-03
3.31E-08	6.49E-03
3.54E-08	4.65E-03
2.60E-08	4.56E-03
2.36E-08	4.30E-03
3.43E-08	5.77E-03
7.92E-08	4.37E-03
3.19E-08	4.13E-03
3.31E-08	4.00E-03
1.11E-07	5.71E-03
5.91E-08	5.34E-03
2.72E-08	4.79E-03
2.95E-08	4.86E-03
7.80E-08	4.56E-03
5.44E-08	5.24E-03
4.02E-08	3.94E-03
4.25E-08	4.92E-03
6.03E-08	4.07E-03
3.90E-08	4.44E-03
2.13E-08	4.60E-03
4.96E-08	5.03E-03
8.86E-08	4.51E-03
2.84E-08	4.81E-03
5.91E-08	4.65E-03
3.78E-08	6.53E-03
5.32E-08	5.06E-03
4.61E-08	4.36E-03
1.00E-07	3.71E-03
9.45E-08	4.27E-03
2.13E-08	5.57E-03
4.49E-08	3.98E-03
3.43E-08	6.54E-03
9.81E-08	5.63E-03
2.13E-08	5.67E-03
7.92E-08	5.01E-03
2.95E-08	3.15E-03
6.50E-08	4.40E-03

1.15E-07	4.04E-03
6.62E-08	5.15E-03
4.02E-08	3.88E-03
6.73E-08	4.43E-03
5.44E-08	4.12E-03
6.38E-08	4.99E-03
4.73E-08	4.64E-03
2.84E-08	4.39E-03
6.50E-08	4.43E-03
3.07E-08	4.21E-03
2.84E-08	4.56E-03
5.67E-08	4.33E-03
2.72E-08	5.17E-03
9.33E-08	4.34E-03
1.65E-08	4.72E-03
1.77E-08	4.52E-03
6.38E-08	6.12E-03
9.22E-08	3.55E-03
3.66E-08	4.79E-03
1.04E-07	7.33E-03
4.96E-08	4.06E-03
3.31E-08	4.17E-03
6.14E-08	4.71E-03
3.07E-08	3.96E-03
8.63E-08	3.71E-03
5.79E-08	5.18E-03
1.42E-08	4.92E-03
8.39E-08	4.51E-03
5.79E-08	3.13E-03
4.96E-08	4.88E-03
2.01E-08	4.72E-03
3.66E-08	4.22E-03
1.30E-07	5.85E-03
3.66E-08	5.02E-03
5.44E-08	5.08E-03
3.54E-08	4.18E-03
6.26E-08	4.17E-03
4.96E-08	3.86E-03
8.15E-08	5.32E-03
1.15E-07	4.12E-03
5.55E-08	4.42E-03
8.63E-08	4.89E-03
4.84E-08	5.27E-03
6.85E-08	4.99E-03
1.89E-08	3.94E-03
1.89E-08	3.54E-03
2.84E-08	4.70E-03
6.26E-08	5.66E-03
5.32E-08	4.18E-03
5.55E-08	5.67E-03
5.20E-08	5.18E-03
7.56E-08	5.32E-03

1.77E-08	3.86E-03
7.21E-08	3.82E-03
1.16E-07	5.98E-03
3.66E-08	4.99E-03
8.98E-08	3.91E-03
1.30E-07	3.82E-03
6.38E-08	3.86E-03
5.32E-08	4.06E-03
7.56E-08	3.83E-03
2.60E-08	4.56E-03
5.79E-08	4.49E-03
6.62E-08	3.45E-03
4.84E-08	6.00E-03
1.54E-08	5.21E-03
5.91E-08	5.02E-03
4.37E-08	4.03E-03
8.51E-08	4.70E-03
2.60E-08	3.98E-03
4.14E-08	4.20E-03
5.08E-08	4.67E-03
3.90E-08	4.05E-03
3.43E-08	3.66E-03
7.80E-08	5.63E-03
7.33E-08	4.84E-03
1.06E-08	4.46E-03
4.84E-08	4.67E-03
1.18E-07	4.26E-03
1.30E-08	4.50E-03
1.30E-08	3.90E-03

External Dose	Annual EDE
8.51E-08	4.94E-03
4.84E-08	5.20E-03
6.38E-08	4.30E-03
9.69E-08	5.38E-03
3.43E-08	4.77E-03
4.84E-08	6.15E-03
1.77E-07	4.86E-03
2.01E-07	4.35E-03
4.25E-08	5.52E-03
1.54E-07	4.42E-03
1.15E-07	4.30E-03
2.01E-07	4.25E-03
1.02E-07	4.88E-03
6.62E-08	6.56E-03
6.97E-08	4.71E-03
5.08E-08	4.66E-03
4.84E-08	4.41E-03
6.73E-08	5.89E-03
1.54E-07	4.44E-03
6.50E-08	4.20E-03
6.62E-08	4.08E-03
2.24E-07	5.87E-03
1.18E-07	5.40E-03
5.32E-08	4.86E-03
5.91E-08	4.95E-03
1.54E-07	4.63E-03
1.08E-07	5.34E-03
7.92E-08	4.01E-03
8.51E-08	5.04E-03
1.18E-07	4.14E-03
7.68E-08	4.53E-03
4.14E-08	4.66E-03
9.92E-08	5.14E-03
1.77E-07	4.59E-03
5.55E-08	4.90E-03
1.17E-07	4.74E-03
7.56E-08	6.65E-03
1.05E-07	5.16E-03
9.10E-08	4.47E-03
2.01E-07	3.80E-03
1.89E-07	4.35E-03
4.25E-08	5.65E-03
8.98E-08	4.07E-03
6.73E-08	6.66E-03
2.01E-07	5.73E-03
4.25E-08	5.73E-03
1.54E-07	5.08E-03
5.79E-08	3.23E-03
1.30E-07	4.54E-03

2.24E-07	4.16E-03
1.30E-07	5.26E-03
8.03E-08	3.98E-03
1.30E-07	4.52E-03
1.09E-07	4.20E-03
1.30E-07	5.11E-03
9.45E-08	4.73E-03
5.55E-08	4.46E-03
1.30E-07	4.52E-03
6.14E-08	4.28E-03
5.67E-08	4.72E-03
1.12E-07	4.43E-03
5.44E-08	5.29E-03
1.89E-07	4.43E-03
3.19E-08	4.78E-03
3.43E-08	4.68E-03
1.30E-07	6.22E-03
1.89E-07	3.65E-03
7.33E-08	4.91E-03
2.13E-07	7.45E-03
1.00E-07	4.15E-03
6.62E-08	4.24E-03
1.18E-07	4.82E-03
6.26E-08	4.08E-03
1.77E-07	3.80E-03
1.16E-07	5.26E-03
2.84E-08	5.00E-03
1.65E-07	4.60E-03
1.16E-07	3.20E-03
9.92E-08	4.94E-03
4.02E-08	4.81E-03
7.33E-08	4.32E-03
2.48E-07	5.94E-03
7.33E-08	5.08E-03
1.08E-07	5.15E-03
7.09E-08	4.25E-03
1.18E-07	4.28E-03
9.92E-08	4.00E-03
1.65E-07	5.40E-03
2.24E-07	4.22E-03
1.11E-07	4.51E-03
1.77E-07	4.98E-03
9.81E-08	5.34E-03
1.42E-07	5.10E-03
3.78E-08	4.02E-03
3.66E-08	3.64E-03
5.67E-08	4.79E-03
1.30E-07	5.80E-03
1.06E-07	4.25E-03
1.11E-07	5.74E-03
1.03E-07	5.29E-03
1.54E-07	5.41E-03

3.54E-08	3.95E-03
1.42E-07	3.93E-03
2.36E-07	6.07E-03
7.21E-08	5.06E-03
1.77E-07	4.01E-03
2.60E-07	3.91E-03
1.30E-07	3.95E-03
1.05E-07	4.14E-03
1.54E-07	3.93E-03
5.32E-08	4.64E-03
1.16E-07	4.59E-03
1.30E-07	3.55E-03
9.57E-08	6.09E-03
3.07E-08	5.30E-03
1.17E-07	5.14E-03
8.63E-08	4.12E-03
1.65E-07	4.78E-03
5.08E-08	4.07E-03
8.27E-08	4.28E-03
1.00E-07	4.79E-03
7.80E-08	4.14E-03
6.85E-08	3.73E-03
1.54E-07	5.75E-03
1.42E-07	4.90E-03
2.13E-08	4.54E-03
9.69E-08	4.77E-03
2.36E-07	4.35E-03
2.60E-08	4.57E-03
2.48E-08	4.02E-03

External Dose	Annual EDE
1.30E-07	5.07E-03
7.21E-08	5.29E-03
9.45E-08	4.39E-03
1.42E-07	5.53E-03
5.08E-08	4.87E-03
7.33E-08	6.24E-03
2.60E-07	4.93E-03
3.07E-07	4.48E-03
6.26E-08	5.65E-03
2.24E-07	4.58E-03
1.77E-07	4.39E-03
3.07E-07	4.35E-03
1.54E-07	4.95E-03
9.92E-08	6.62E-03
1.04E-07	4.77E-03
7.68E-08	4.75E-03
7.21E-08	4.52E-03
1.02E-07	6.00E-03
2.36E-07	4.52E-03
9.69E-08	4.26E-03
9.92E-08	4.16E-03
3.31E-07	5.99E-03
1.77E-07	5.46E-03
8.03E-08	4.93E-03
8.98E-08	5.03E-03
2.36E-07	4.75E-03
1.65E-07	5.44E-03
1.18E-07	4.08E-03
1.30E-07	5.20E-03
1.77E-07	4.21E-03
1.15E-07	4.63E-03
6.26E-08	4.72E-03
1.54E-07	5.25E-03
2.60E-07	4.71E-03
8.39E-08	4.99E-03
1.77E-07	4.84E-03
1.13E-07	6.75E-03
1.54E-07	5.25E-03
1.42E-07	4.62E-03
2.95E-07	3.89E-03
2.84E-07	4.43E-03
6.38E-08	5.73E-03
1.30E-07	4.16E-03
1.02E-07	6.76E-03
2.95E-07	5.84E-03
6.38E-08	5.80E-03
2.36E-07	5.14E-03
8.74E-08	3.29E-03
1.89E-07	4.67E-03

3.43E-07	4.27E-03
2.01E-07	5.35E-03
1.18E-07	4.08E-03
2.01E-07	4.61E-03
1.65E-07	4.28E-03
1.89E-07	5.25E-03
1.42E-07	4.82E-03
8.39E-08	4.53E-03
2.01E-07	4.61E-03
9.22E-08	4.34E-03
8.51E-08	4.87E-03
1.65E-07	4.54E-03
8.15E-08	5.40E-03
2.84E-07	4.55E-03
4.84E-08	4.85E-03
5.08E-08	4.84E-03
1.89E-07	6.31E-03
2.72E-07	3.75E-03
1.10E-07	5.04E-03
3.07E-07	7.56E-03
1.54E-07	4.24E-03
9.92E-08	4.35E-03
1.77E-07	4.94E-03
9.33E-08	4.19E-03
2.60E-07	3.90E-03
1.77E-07	5.35E-03
4.37E-08	5.08E-03
2.48E-07	4.74E-03
1.77E-07	3.27E-03
1.54E-07	5.01E-03
6.03E-08	4.90E-03
1.09E-07	4.43E-03
3.66E-07	6.04E-03
1.10E-07	5.14E-03
1.65E-07	5.22E-03
1.06E-07	4.33E-03
1.89E-07	4.38E-03
1.54E-07	4.10E-03
2.48E-07	5.48E-03
3.43E-07	4.32E-03
1.65E-07	4.59E-03
2.60E-07	5.07E-03
1.42E-07	5.42E-03
2.01E-07	5.18E-03
5.67E-08	4.11E-03
5.55E-08	3.74E-03
8.51E-08	4.88E-03
1.89E-07	5.90E-03
1.54E-07	4.32E-03
1.65E-07	5.81E-03
1.54E-07	5.43E-03
2.24E-07	5.50E-03

5.32E-08	4.04E-03
2.13E-07	4.03E-03
3.43E-07	6.16E-03
1.09E-07	5.14E-03
2.72E-07	4.09E-03
3.90E-07	4.04E-03
1.89E-07	4.03E-03
1.54E-07	4.22E-03
2.24E-07	4.00E-03
7.92E-08	4.72E-03
1.77E-07	4.70E-03
2.01E-07	3.64E-03
1.42E-07	6.18E-03
4.61E-08	5.39E-03
1.77E-07	5.24E-03
1.30E-07	4.20E-03
2.48E-07	4.87E-03
7.68E-08	4.16E-03
1.18E-07	4.36E-03
1.54E-07	4.91E-03
1.17E-07	4.23E-03
1.03E-07	3.80E-03
2.36E-07	5.88E-03
2.13E-07	4.97E-03
3.19E-08	4.61E-03
1.42E-07	4.86E-03
3.54E-07	4.45E-03
4.02E-08	4.64E-03
3.78E-08	4.19E-03

External Dose	Annual EDE
1.65E-07	5.21E-03
9.57E-08	5.38E-03
1.30E-07	4.48E-03
1.89E-07	5.64E-03
6.85E-08	4.96E-03
9.69E-08	6.31E-03
3.43E-07	5.00E-03
4.14E-07	4.58E-03
8.39E-08	5.74E-03
3.07E-07	4.74E-03
2.24E-07	4.49E-03
4.14E-07	4.45E-03
2.01E-07	5.02E-03
1.30E-07	6.69E-03
1.42E-07	4.84E-03
1.03E-07	4.85E-03
9.57E-08	4.62E-03
1.30E-07	6.11E-03
3.19E-07	4.59E-03
1.30E-07	4.33E-03
1.30E-07	4.24E-03
4.49E-07	6.11E-03
2.36E-07	5.52E-03
1.06E-07	5.03E-03
1.18E-07	5.13E-03
3.07E-07	4.83E-03
2.13E-07	5.54E-03
1.54E-07	4.15E-03
1.65E-07	5.32E-03
2.36E-07	4.27E-03
1.54E-07	4.72E-03
8.39E-08	4.78E-03
2.01E-07	5.35E-03
3.54E-07	4.79E-03
1.11E-07	5.08E-03
2.36E-07	4.93E-03
1.54E-07	6.85E-03
2.13E-07	5.35E-03
1.77E-07	4.73E-03
4.02E-07	3.99E-03
3.78E-07	4.52E-03
8.51E-08	5.85E-03
1.77E-07	4.25E-03
1.30E-07	6.86E-03
3.90E-07	5.94E-03
8.51E-08	5.86E-03
3.19E-07	5.21E-03
1.16E-07	3.37E-03
2.60E-07	4.80E-03

4.61E-07	4.39E-03
2.60E-07	5.46E-03
1.65E-07	4.17E-03
2.72E-07	4.71E-03
2.13E-07	4.35E-03
2.60E-07	5.37E-03
1.89E-07	4.90E-03
1.11E-07	4.59E-03
2.60E-07	4.71E-03
1.18E-07	4.45E-03
1.15E-07	4.98E-03
2.24E-07	4.64E-03
1.09E-07	5.52E-03
3.78E-07	4.64E-03
6.50E-08	4.91E-03
6.85E-08	4.99E-03
2.60E-07	6.40E-03
3.66E-07	3.86E-03
1.42E-07	5.16E-03
4.14E-07	7.68E-03
2.01E-07	4.33E-03
1.30E-07	4.43E-03
2.48E-07	5.05E-03
1.30E-07	4.34E-03
3.43E-07	4.00E-03
2.36E-07	5.44E-03
5.79E-08	5.17E-03
3.31E-07	4.84E-03
2.36E-07	3.34E-03
2.01E-07	5.08E-03
8.15E-08	4.99E-03
1.42E-07	4.54E-03
4.96E-07	6.17E-03
1.42E-07	5.20E-03
2.13E-07	5.29E-03
1.42E-07	4.40E-03
2.48E-07	4.49E-03
2.01E-07	4.20E-03
3.19E-07	5.55E-03
4.61E-07	4.43E-03
2.24E-07	4.67E-03
3.43E-07	5.16E-03
2.01E-07	5.49E-03
2.72E-07	5.25E-03
7.56E-08	4.19E-03
7.44E-08	3.84E-03
1.13E-07	4.97E-03
2.48E-07	6.01E-03
2.13E-07	4.39E-03
2.24E-07	5.87E-03
2.01E-07	5.55E-03
2.95E-07	5.59E-03

7.21E-08	4.13E-03
2.84E-07	4.14E-03
4.61E-07	6.30E-03
1.42E-07	5.21E-03
3.54E-07	4.18E-03
5.20E-07	4.13E-03
2.60E-07	4.15E-03
2.13E-07	4.33E-03
3.07E-07	4.08E-03
1.05E-07	4.81E-03
2.36E-07	4.82E-03
2.60E-07	3.74E-03
1.89E-07	6.27E-03
6.14E-08	5.48E-03
2.36E-07	5.33E-03
1.77E-07	4.29E-03
3.43E-07	4.95E-03
1.03E-07	4.25E-03
1.65E-07	4.44E-03
2.01E-07	5.07E-03
1.54E-07	4.32E-03
1.42E-07	3.88E-03
3.07E-07	6.00E-03
2.95E-07	5.03E-03
4.25E-08	4.68E-03
1.89E-07	4.96E-03
4.73E-07	4.55E-03
5.32E-08	4.72E-03
5.08E-08	4.31E-03

External Dose	Annual EDE	Min Log10(Min) Round	3.41E-03 -2.47E+00 -3.00E+00	Number Number per bin	130 13
2.13E-07	5.34E-03	Multiplier	1.00E+03	5.3443	
1.18E-07	5.45E-03			5.4544	
1.54E-07	4.60E-03	Mean		4.5966	
2.36E-07	5.79E-03		5.035	5.7866	
8.51E-08	5.05E-03	SD		5.0539	
1.18E-07	6.39E-03		0.737	6.3947	
4.37E-07	5.08E-03			5.0810	
5.08E-07	4.68E-03			4.6805	
1.05E-07	5.81E-03			5.8117	
3.78E-07	4.96E-03			4.9570	
2.84E-07	4.58E-03			4.5801	
5.08E-07	4.56E-03			4.5626	
2.60E-07	5.09E-03			5.0904	
1.65E-07	6.75E-03			6.7531	
1.77E-07	4.90E-03			4.8989	
1.30E-07	4.98E-03			4.9833	
1.18E-07	4.73E-03			4.7312	
1.65E-07	6.22E-03			6.2163	
3.90E-07	4.66E-03			4.6639	
1.65E-07	4.39E-03			4.3946	
1.65E-07	4.34E-03			4.3404	
5.55E-07	6.23E-03			6.2328	
2.95E-07	5.58E-03			5.5849	
1.30E-07	5.10E-03			5.1016	
1.54E-07	5.23E-03			5.2317	
3.90E-07	4.90E-03			4.9010	
2.72E-07	5.64E-03			5.6381	
2.01E-07	4.23E-03			4.2272	
2.13E-07	5.44E-03			5.4425	
2.95E-07	4.34E-03			4.3355	
1.89E-07	4.80E-03			4.7957	
1.04E-07	4.84E-03			4.8406	
2.48E-07	5.46E-03			5.4647	
4.37E-07	4.87E-03			4.8730	
1.42E-07	5.17E-03			5.1735	
2.95E-07	5.03E-03			5.0285	
1.89E-07	6.97E-03			6.9703	
2.60E-07	5.45E-03			5.4457	
2.24E-07	4.84E-03			4.8393	
4.96E-07	4.08E-03			4.0821	
4.73E-07	4.59E-03			4.5931	
1.06E-07	5.92E-03			5.9224	
2.24E-07	4.35E-03			4.3486	
1.65E-07	6.97E-03			6.9738	
4.84E-07	6.08E-03			6.0795	
1.06E-07	5.93E-03			5.9263	
4.02E-07	5.28E-03			5.2845	
1.42E-07	3.44E-03			3.4379	
3.19E-07	4.90E-03			4.8982	

shifted lognormal		
%ile	Values	
0	0	0
0.1	4.261	
0.2	4.417	
0.3	4.583	
0.4	4.789	
0.5	4.940	
0.6	5.099	
0.7	5.287	
0.8	5.563	
0.9	6.085	
1	7.812	

lognormal		
%ile	Values	
0	0	0
0.1	4.260933	
0.2	4.416677	
0.3	4.583021	
0.4	4.788846	
0.5	4.93952	
0.6	5.099474	
0.7	5.287416	
0.8	5.563355	
0.9	6.084907	
1	7.812494	

5.67E-07	4.50E-03	4.5005
3.31E-07	5.56E-03	5.5564
2.01E-07	4.28E-03	4.2762
3.43E-07	4.80E-03	4.7966
2.72E-07	4.43E-03	4.4288
3.19E-07	5.51E-03	5.5095
2.36E-07	4.99E-03	4.9882
1.42E-07	4.66E-03	4.6587
3.31E-07	4.81E-03	4.8098
1.54E-07	4.51E-03	4.5130
1.42E-07	5.13E-03	5.1349
2.84E-07	4.76E-03	4.7621
1.42E-07	5.67E-03	5.6661
4.61E-07	4.72E-03	4.7234
8.15E-08	4.97E-03	4.9665
8.51E-08	5.18E-03	5.1842
3.19E-07	6.48E-03	6.4829
4.61E-07	3.96E-03	3.9585
1.77E-07	5.29E-03	5.2911
5.20E-07	7.81E-03	7.8125
2.48E-07	4.42E-03	4.4163
1.65E-07	4.51E-03	4.5068
3.07E-07	5.20E-03	5.2029
1.54E-07	4.44E-03	4.4408
4.25E-07	4.08E-03	4.0810
2.95E-07	5.52E-03	5.5180
7.21E-08	5.24E-03	5.2421
4.25E-07	4.92E-03	4.9178
2.84E-07	3.41E-03	3.4113
2.48E-07	5.14E-03	5.1428
1.02E-07	5.08E-03	5.0756
1.77E-07	4.64E-03	4.6428
6.14E-07	6.26E-03	6.2650
1.77E-07	5.26E-03	5.2645
2.72E-07	5.36E-03	5.3604
1.77E-07	4.48E-03	4.4764
3.07E-07	4.58E-03	4.5843
2.48E-07	4.29E-03	4.2857
4.02E-07	5.63E-03	5.6322
5.67E-07	4.53E-03	4.5299
2.72E-07	4.74E-03	4.7404
4.25E-07	5.23E-03	5.2307
2.48E-07	5.56E-03	5.5610
3.43E-07	5.33E-03	5.3281
9.45E-08	4.28E-03	4.2821
9.22E-08	3.95E-03	3.9451
1.42E-07	5.05E-03	5.0522
3.07E-07	6.13E-03	6.1331
2.60E-07	4.50E-03	4.5038
2.84E-07	5.94E-03	5.9438
2.60E-07	5.65E-03	5.6501
3.78E-07	5.68E-03	5.6783

8.98E-08	4.26E-03	4.2616
3.66E-07	4.25E-03	4.2545
5.79E-07	6.41E-03	6.4063
1.77E-07	5.29E-03	5.2858
4.49E-07	4.28E-03	4.2847
6.50E-07	4.21E-03	4.2149
3.19E-07	4.24E-03	4.2395
2.60E-07	4.41E-03	4.4141
3.78E-07	4.15E-03	4.1455
1.30E-07	4.90E-03	4.9002
2.95E-07	4.92E-03	4.9221
3.31E-07	3.82E-03	3.8246
2.36E-07	6.36E-03	6.3640
7.68E-08	5.57E-03	5.5728
2.95E-07	5.41E-03	5.4140
2.13E-07	4.38E-03	4.3823
4.25E-07	5.04E-03	5.0442
1.30E-07	4.35E-03	4.3456
2.01E-07	4.56E-03	4.5583
2.48E-07	5.20E-03	5.2006
2.01E-07	4.42E-03	4.4168
1.65E-07	3.95E-03	3.9544
3.90E-07	6.14E-03	6.1390
3.66E-07	5.09E-03	5.0858
5.32E-08	4.79E-03	4.7887
2.48E-07	5.10E-03	5.0981
5.91E-07	4.68E-03	4.6825
6.62E-08	4.79E-03	4.7890
6.26E-08	4.45E-03	4.4453

1.0E-03 Multiplier

3.455578 Off-set
0.3805 Mean
0.4668 SD

Cum	Bin	
0.0000		
13.0619	13.0619	0.0003
23.9249	10.8631	0.4204
37.4907	13.5658	0.0236
54.7544	17.2636	1.0530
66.5829	11.8286	0.1160
77.8236	11.2406	0.2754
89.0511	11.2275	0.2798
101.7897	12.7386	0.0054
116.4081	14.6184	0.1792
128.7399	12.3317	0.0362

Chi Squared 2.3892

1.6046 Mean
0.1402 SD

17.4584	17.4584	1.1386
25.6841	8.2257	2.7711
36.2308	10.5467	0.5707
50.9923	14.7615	0.2102
62.2748	11.2825	0.2615
74.0131	11.7383	0.1356
86.7617	12.7486	0.0050
102.2883	15.5265	0.4111
120.1560	17.8677	1.3261
129.9156	9.7596	1.0759

Chi Squared 7.9057

