

	1	2	3	4	5	6
mean	1.816E-04	2.263E-04	2.705E-04	3.063E-04	3.330E-04	3.512E-04
S. D.	3.580E-05	8.833E-05	1.505E-04	2.024E-04	2.413E-04	2.676E-04

1.84E-04	1.98E-04	2.14E-04	2.27E-04	2.34E-04	2.41E-04
2.31E-04	2.47E-04	2.50E-04	2.53E-04	2.67E-04	2.68E-04
2.11E-04	3.90E-04	5.61E-04	7.03E-04	8.22E-04	8.83E-04
2.35E-04	5.51E-04	8.77E-04	1.13E-03	1.32E-03	1.45E-03
1.57E-04	2.18E-04	2.82E-04	3.33E-04	3.69E-04	3.92E-04
1.52E-04	1.63E-04	1.73E-04	1.81E-04	1.88E-04	1.92E-04
1.53E-04	1.81E-04	2.11E-04	2.35E-04	2.51E-04	2.64E-04
1.64E-04	2.42E-04	3.21E-04	3.84E-04	4.35E-04	4.57E-04
1.83E-04	2.61E-04	3.33E-04	3.93E-04	4.47E-04	4.78E-04
2.14E-04	2.88E-04	3.62E-04	4.17E-04	4.63E-04	4.91E-04
2.06E-04	2.76E-04	3.45E-04	3.99E-04	4.46E-04	4.65E-04
1.95E-04	1.99E-04	2.04E-04	2.07E-04	2.10E-04	2.12E-04
1.37E-04	1.49E-04	1.61E-04	1.70E-04	1.78E-04	1.83E-04
1.44E-04	1.54E-04	1.63E-04	1.71E-04	1.77E-04	1.81E-04
1.40E-04	1.44E-04	1.48E-04	1.52E-04	1.54E-04	1.56E-04
2.01E-04	2.44E-04	2.85E-04	3.13E-04	3.41E-04	3.64E-04
1.68E-04	1.77E-04	1.86E-04	1.94E-04	2.00E-04	2.03E-04
2.00E-04	2.23E-04	2.47E-04	2.64E-04	2.77E-04	2.86E-04
1.53E-04	1.67E-04	1.83E-04	1.95E-04	2.03E-04	2.09E-04
1.60E-04	1.66E-04	1.73E-04	1.77E-04	1.81E-04	1.83E-04
1.58E-04	1.66E-04	1.76E-04	1.83E-04	1.90E-04	1.93E-04
1.67E-04	2.37E-04	3.11E-04	3.66E-04	4.11E-04	4.36E-04
1.21E-04	1.39E-04	1.56E-04	1.70E-04	1.81E-04	1.88E-04
1.71E-04	2.29E-04	2.88E-04	3.35E-04	3.69E-04	3.92E-04
1.70E-04	1.78E-04	1.87E-04	1.94E-04	1.98E-04	2.03E-04
1.73E-04	2.14E-04	2.54E-04	2.88E-04	3.10E-04	3.26E-04
1.69E-04	1.79E-04	1.90E-04	1.97E-04	2.05E-04	2.10E-04
1.45E-04	1.49E-04	1.53E-04	1.56E-04	1.58E-04	1.59E-04
1.54E-04	2.04E-04	2.53E-04	2.94E-04	3.23E-04	3.48E-04
1.37E-04	1.47E-04	1.56E-04	1.64E-04	1.69E-04	1.72E-04
2.42E-04	2.75E-04	3.06E-04	3.37E-04	3.50E-04	3.59E-04
1.53E-04	1.61E-04	1.69E-04	1.74E-04	1.79E-04	1.82E-04
1.84E-04	2.02E-04	2.19E-04	2.33E-04	2.42E-04	2.49E-04
1.85E-04	2.09E-04	2.33E-04	2.52E-04	2.66E-04	2.77E-04
2.24E-04	2.54E-04	2.85E-04	3.11E-04	3.25E-04	3.47E-04
1.70E-04	1.75E-04	1.81E-04	1.85E-04	1.88E-04	1.90E-04
1.72E-04	1.90E-04	2.09E-04	2.26E-04	2.37E-04	2.46E-04
1.55E-04	1.77E-04	2.01E-04	2.19E-04	2.32E-04	2.41E-04
2.15E-04	4.12E-04	5.97E-04	7.47E-04	8.77E-04	9.51E-04
1.66E-04	1.96E-04	2.27E-04	2.53E-04	2.70E-04	2.82E-04
1.94E-04	2.14E-04	2.33E-04	2.49E-04	2.60E-04	2.68E-04
1.99E-04	3.18E-04	4.43E-04	5.42E-04	6.21E-04	6.68E-04
2.27E-04	2.68E-04	3.17E-04	3.51E-04	3.77E-04	3.99E-04
1.88E-04	2.05E-04	2.20E-04	2.34E-04	2.43E-04	2.50E-04

1.67E-04	2.46E-04	3.22E-04	3.83E-04	4.26E-04	4.62E-04
1.50E-04	2.15E-04	2.80E-04	3.31E-04	3.70E-04	3.95E-04
1.48E-04	1.64E-04	1.80E-04	1.94E-04	2.03E-04	2.09E-04
1.50E-04	1.60E-04	1.72E-04	1.81E-04	1.87E-04	1.91E-04
2.48E-04	6.74E-04	1.10E-03	1.45E-03	1.72E-03	1.89E-03
1.69E-04	1.88E-04	2.07E-04	2.22E-04	2.31E-04	2.39E-04
1.48E-04	1.77E-04	2.07E-04	2.30E-04	2.46E-04	2.59E-04
1.73E-04	2.14E-04	2.54E-04	2.85E-04	3.10E-04	3.25E-04
1.59E-04	1.88E-04	2.17E-04	2.41E-04	2.57E-04	2.70E-04
1.75E-04	2.49E-04	3.22E-04	3.82E-04	4.27E-04	4.61E-04
2.42E-04	3.48E-04	4.62E-04	5.39E-04	6.06E-04	6.53E-04
1.63E-04	1.97E-04	2.29E-04	2.57E-04	2.76E-04	2.90E-04
1.53E-04	1.88E-04	2.21E-04	2.46E-04	2.65E-04	2.79E-04
2.04E-04	2.32E-04	2.60E-04	2.84E-04	2.94E-04	3.12E-04
1.45E-04	1.95E-04	2.44E-04	2.83E-04	3.12E-04	3.32E-04
2.75E-04	6.09E-04	9.35E-04	1.21E-03	1.41E-03	1.56E-03
1.80E-04	1.87E-04	1.95E-04	2.01E-04	2.05E-04	2.08E-04
2.14E-04	3.10E-04	4.14E-04	4.90E-04	5.42E-04	5.83E-04
2.28E-04	2.33E-04	2.37E-04	2.41E-04	2.43E-04	2.45E-04
1.31E-04	1.34E-04	1.39E-04	1.42E-04	1.43E-04	1.45E-04
1.93E-04	2.67E-04	3.40E-04	3.99E-04	4.47E-04	4.77E-04
1.39E-04	1.48E-04	1.56E-04	1.63E-04	1.67E-04	1.71E-04
3.06E-04	3.26E-04	3.33E-04	3.39E-04	3.56E-04	3.58E-04
1.81E-04	1.90E-04	1.99E-04	2.06E-04	2.12E-04	2.15E-04
2.52E-04	2.64E-04	2.76E-04	2.86E-04	2.92E-04	2.95E-04
1.65E-04	1.98E-04	2.30E-04	2.55E-04	2.74E-04	2.86E-04
1.55E-04	1.68E-04	1.81E-04	1.90E-04	1.98E-04	2.02E-04
2.11E-04	2.25E-04	2.36E-04	2.48E-04	2.56E-04	2.60E-04
2.72E-04	5.66E-04	8.40E-04	1.08E-03	1.23E-03	1.34E-03
1.61E-04	1.65E-04	1.69E-04	1.72E-04	1.75E-04	1.76E-04
1.55E-04	1.57E-04	1.58E-04	1.58E-04	1.59E-04	1.59E-04
1.45E-04	1.49E-04	1.53E-04	1.58E-04	1.60E-04	1.62E-04
1.79E-04	2.00E-04	2.21E-04	2.36E-04	2.49E-04	2.57E-04
1.39E-04	1.52E-04	1.67E-04	1.78E-04	1.85E-04	1.91E-04
1.91E-04	2.08E-04	2.25E-04	2.39E-04	2.50E-04	2.56E-04
1.42E-04	1.68E-04	1.95E-04	2.17E-04	2.32E-04	2.44E-04
2.03E-04	2.27E-04	2.50E-04	2.69E-04	2.82E-04	2.92E-04
2.78E-04	3.45E-04	4.25E-04	4.84E-04	5.22E-04	5.51E-04
1.42E-04	1.50E-04	1.57E-04	1.62E-04	1.66E-04	1.69E-04
1.52E-04	1.67E-04	1.82E-04	1.94E-04	2.04E-04	2.10E-04
2.02E-04	2.07E-04	2.13E-04	2.17E-04	2.20E-04	2.23E-04
1.89E-04	2.45E-04	3.00E-04	3.51E-04	3.82E-04	4.06E-04
1.78E-04	2.23E-04	2.68E-04	3.05E-04	3.32E-04	3.50E-04
1.55E-04	1.71E-04	1.86E-04	1.99E-04	2.07E-04	2.15E-04
1.78E-04	2.29E-04	2.79E-04	3.20E-04	3.50E-04	3.73E-04
1.82E-04	1.95E-04	2.06E-04	2.15E-04	2.23E-04	2.26E-04
2.95E-04	3.43E-04	3.89E-04	4.31E-04	4.63E-04	4.90E-04
1.65E-04	2.07E-04	2.49E-04	2.86E-04	3.09E-04	3.26E-04
1.71E-04	1.85E-04	1.99E-04	2.11E-04	2.19E-04	2.26E-04
1.47E-04	1.86E-04	2.23E-04	2.53E-04	2.77E-04	2.90E-04
1.54E-04	1.69E-04	1.84E-04	1.97E-04	2.05E-04	2.11E-04
1.98E-04	2.44E-04	2.87E-04	3.19E-04	3.46E-04	3.69E-04

2.27E-04	3.32E-04	4.43E-04	5.28E-04	5.89E-04	6.35E-04
1.39E-04	2.72E-04	4.01E-04	5.04E-04	5.80E-04	6.47E-04
1.53E-04	1.64E-04	1.76E-04	1.86E-04	1.92E-04	1.97E-04
1.73E-04	2.20E-04	2.68E-04	3.06E-04	3.38E-04	3.48E-04
2.02E-04	2.49E-04	2.93E-04	3.25E-04	3.54E-04	3.78E-04
1.83E-04	2.55E-04	3.25E-04	3.81E-04	4.29E-04	4.57E-04
1.91E-04	1.93E-04	1.96E-04	1.97E-04	2.00E-04	2.00E-04
2.33E-04	3.60E-04	5.00E-04	6.00E-04	6.74E-04	7.20E-04
1.48E-04	1.83E-04	2.18E-04	2.45E-04	2.67E-04	2.80E-04
2.10E-04	2.57E-04	3.06E-04	3.36E-04	3.63E-04	3.83E-04
2.14E-04	2.45E-04	2.72E-04	3.10E-04	3.19E-04	3.38E-04
1.51E-04	1.70E-04	1.88E-04	2.04E-04	2.14E-04	2.22E-04
1.92E-04	2.75E-04	3.54E-04	4.21E-04	4.75E-04	5.07E-04
1.44E-04	1.50E-04	1.55E-04	1.60E-04	1.63E-04	1.65E-04
1.51E-04	1.68E-04	1.83E-04	1.96E-04	2.05E-04	2.13E-04
1.38E-04	1.41E-04	1.42E-04	1.44E-04	1.45E-04	1.45E-04
2.11E-04	2.18E-04	2.23E-04	2.26E-04	2.31E-04	2.33E-04
2.05E-04	2.08E-04	2.10E-04	2.11E-04	2.13E-04	2.14E-04
1.93E-04	2.03E-04	2.14E-04	2.24E-04	2.30E-04	2.35E-04
1.73E-04	1.80E-04	1.87E-04	1.92E-04	1.97E-04	1.99E-04
1.91E-04	2.20E-04	2.48E-04	2.73E-04	2.90E-04	3.02E-04
1.67E-04	1.77E-04	1.89E-04	1.98E-04	2.06E-04	2.11E-04
2.03E-04	2.08E-04	2.13E-04	2.17E-04	2.19E-04	2.22E-04
1.88E-04	2.73E-04	3.57E-04	4.26E-04	4.71E-04	5.05E-04
2.24E-04	2.74E-04	3.09E-04	3.52E-04	3.78E-04	4.01E-04
1.97E-04	2.51E-04	3.03E-04	3.52E-04	3.79E-04	4.03E-04
1.64E-04	1.71E-04	1.78E-04	1.84E-04	1.89E-04	1.91E-04
1.92E-04	1.96E-04	1.99E-04	2.02E-04	2.03E-04	2.05E-04
1.42E-04	1.76E-04	2.11E-04	2.40E-04	2.59E-04	2.74E-04
1.48E-04	1.62E-04	1.77E-04	1.90E-04	1.99E-04	2.04E-04
1.58E-04	1.79E-04	2.00E-04	2.18E-04	2.31E-04	2.39E-04
1.81E-04	2.02E-04	2.22E-04	2.38E-04	2.52E-04	2.59E-04
1.56E-04	1.75E-04	1.94E-04	2.09E-04	2.21E-04	2.28E-04
2.46E-04	4.28E-04	5.96E-04	7.29E-04	8.44E-04	9.10E-04

External Dose	Annual EDE	Min Log10(Min) Round	1.21E-04 -3.92E+00 -4.00E+00	Number Number per bin	130 13
1.83E-08	1.84E-04	Multiplier	1.00E+04	1.8417	
1.25E-08	2.31E-04			2.3103	
1.73E-08	2.11E-04	Mean		2.1068	
1.63E-08	2.35E-04		1.816	2.3463	
1.73E-08	1.57E-04	SD		1.5745	
1.63E-08	1.52E-04		0.358	1.5189	
1.16E-08	1.53E-04			1.5253	
1.83E-08	1.64E-04			1.6374	
1.25E-08	1.83E-04			1.8290	
1.92E-08	2.14E-04			2.1393	
1.15E-08	2.06E-04			2.0631	
1.44E-08	1.95E-04			1.9494	
1.25E-08	1.37E-04			1.3706	
1.35E-08	1.44E-04			1.4377	
1.44E-08	1.40E-04			1.3995	
1.54E-08	2.01E-04			2.0112	
1.92E-08	1.68E-04			1.6756	
1.83E-08	2.00E-04			1.9986	
1.25E-08	1.53E-04			1.5252	
1.63E-08	1.60E-04			1.5954	
1.25E-08	1.58E-04			1.5768	
1.92E-08	1.67E-04			1.6689	
1.35E-08	1.21E-04			1.2108	
1.25E-08	1.71E-04			1.7080	
1.54E-08	1.70E-04			1.7034	
1.44E-08	1.73E-04			1.7348	
1.54E-08	1.69E-04			1.6901	
1.25E-08	1.45E-04			1.4543	
1.92E-08	1.54E-04			1.5412	
1.44E-08	1.37E-04			1.3745	
1.35E-08	2.42E-04			2.4223	
1.25E-08	1.53E-04			1.5337	
1.92E-08	1.84E-04			1.8447	
1.35E-08	1.85E-04			1.8454	
1.15E-08	2.24E-04			2.2391	
1.83E-08	1.70E-04			1.6983	
1.73E-08	1.72E-04			1.7176	
1.92E-08	1.55E-04			1.5550	
1.63E-08	2.15E-04			2.1470	
1.83E-08	1.66E-04			1.6574	
1.64E-08	1.94E-04			1.9429	
1.44E-08	1.99E-04			1.9907	
1.44E-08	2.27E-04			2.2679	
1.64E-08	1.88E-04			1.8805	
1.73E-08	1.67E-04			1.6710	
1.35E-08	1.50E-04			1.4999	
1.44E-08	1.48E-04			1.4842	
1.44E-08	1.50E-04			1.4995	
1.15E-08	2.48E-04			2.4826	

shifted lognormal

%ile	Values
0	0
0.1	1.437
0.2	1.515
0.3	1.556
0.4	1.663
0.5	1.727
0.6	1.843
0.7	1.945
0.8	2.071
0.9	2.283
1	3.061

lognormal

%ile	Values
0	0
0.1	1.437424
0.2	1.51506
0.3	1.555874
0.4	1.663018
0.5	1.727344
0.6	1.842912
0.7	1.944831
0.8	2.070616
0.9	2.282728
1	3.060793

1.83E-08	1.69E-04	1.6901
1.92E-08	1.48E-04	1.4820
1.63E-08	1.73E-04	1.7283
1.63E-08	1.59E-04	1.5930
1.35E-08	1.75E-04	1.7518
1.83E-08	2.42E-04	2.4183
1.83E-08	1.63E-04	1.6328
1.54E-08	1.53E-04	1.5322
1.16E-08	2.04E-04	2.0422
1.15E-08	1.45E-04	1.4535
1.73E-08	2.75E-04	2.7488
1.73E-08	1.80E-04	1.7971
1.44E-08	2.14E-04	2.1366
1.44E-08	2.28E-04	2.2797
1.54E-08	1.31E-04	1.3113
1.92E-08	1.93E-04	1.9308
1.73E-08	1.39E-04	1.3947
1.54E-08	3.06E-04	3.0608
1.83E-08	1.81E-04	1.8075
1.73E-08	2.52E-04	2.5229
1.63E-08	1.65E-04	1.6539
1.25E-08	1.55E-04	1.5502
1.73E-08	2.11E-04	2.1092
1.73E-08	2.72E-04	2.7161
1.54E-08	1.61E-04	1.6112
1.54E-08	1.55E-04	1.5469
1.35E-08	1.45E-04	1.4469
1.54E-08	1.79E-04	1.7903
1.44E-08	1.39E-04	1.3865
1.25E-08	1.91E-04	1.9067
1.83E-08	1.42E-04	1.4157
1.73E-08	2.03E-04	2.0347
1.44E-08	2.78E-04	2.7820
1.35E-08	1.42E-04	1.4223
1.54E-08	1.52E-04	1.5156
1.35E-08	2.02E-04	2.0176
1.83E-08	1.89E-04	1.8933
1.73E-08	1.78E-04	1.7825
1.25E-08	1.55E-04	1.5496
1.35E-08	1.78E-04	1.7770
1.35E-08	1.82E-04	1.8219
1.54E-08	2.95E-04	2.9512
1.63E-08	1.65E-04	1.6524
1.63E-08	1.71E-04	1.7063
1.73E-08	1.47E-04	1.4725
1.83E-08	1.54E-04	1.5356
1.44E-08	1.98E-04	1.9840
1.44E-08	2.27E-04	2.2725
1.35E-08	1.39E-04	1.3894
1.25E-08	1.53E-04	1.5267
1.63E-08	1.73E-04	1.7254
1.25E-08	2.02E-04	2.0189

1.54E-08	1.83E-04	1.8282
1.54E-08	1.91E-04	1.9118
1.35E-08	2.33E-04	2.3326
1.54E-08	1.48E-04	1.4839
1.25E-08	2.10E-04	2.1006
1.35E-08	2.14E-04	2.1441
1.63E-08	1.51E-04	1.5087
1.44E-08	1.92E-04	1.9154
1.54E-08	1.44E-04	1.4353
1.73E-08	1.51E-04	1.5131
1.92E-08	1.38E-04	1.3825
1.64E-08	2.11E-04	2.1118
1.15E-08	2.05E-04	2.0520
1.44E-08	1.93E-04	1.9341
1.73E-08	1.73E-04	1.7264
1.25E-08	1.91E-04	1.9093
1.73E-08	1.67E-04	1.6667
1.63E-08	2.03E-04	2.0279
1.35E-08	1.88E-04	1.8825
1.73E-08	2.24E-04	2.2373
1.25E-08	1.97E-04	1.9682
1.35E-08	1.64E-04	1.6440
1.83E-08	1.92E-04	1.9226
1.15E-08	1.42E-04	1.4168
1.25E-08	1.48E-04	1.4778
1.83E-08	1.58E-04	1.5834
1.54E-08	1.81E-04	1.8113
1.63E-08	1.56E-04	1.5563
1.83E-08	2.46E-04	2.4616

1.0E-04 Multiplier

1.184630 Off-set

-6.05E-01 Mean

0.594369 SD

Cum	Bin	
0.0000		
12.6608	12.6608	0.0091
25.8420	13.1812	0.0025
33.5189	7.6770	3.6909
53.5087	19.9898	2.4441
64.4214	10.9127	0.3993
81.0035	16.5821	0.7738
92.4088	11.4053	0.2230
102.9625	10.5537	0.5670
114.3888	11.4264	0.2167
127.5355	13.1466	0.0016

Chi Squared 8.328036

0.562628 Mean

0.184676 SD

18.1584	18.1584	1.4654
27.6572	9.4988	1.2905
33.3949	5.7376	9.1923
50.0503	16.6554	0.8022
60.5004	10.4501	0.6222
78.5247	18.0244	1.4006
92.3843	13.8596	0.0533
105.8863	13.5019	0.0187
119.9370	14.0507	0.0786
129.8307	9.8937	0.9753

Chi Squared 15.89895

External Dose	Annual EDE	Min Log10(Min) Round	1.34E-04 -3.87E+00 -4.00E+00	caled Data
9.61E-08	1.98E-04	Multiplier	1.00E+04	1.9849
6.63E-08	2.47E-04			2.4664
8.84E-08	3.90E-04	Mean		3.8996
8.46E-08	5.51E-04		2.263	5.5079
9.32E-08	2.18E-04	SD		2.1838
8.46E-08	1.63E-04		0.883	1.6286
6.25E-08	1.81E-04			1.8126
9.61E-08	2.42E-04			2.4224
6.44E-08	2.61E-04			2.6126
9.61E-08	2.88E-04			2.8777
6.06E-08	2.76E-04			2.7556
7.69E-08	1.99E-04			1.9931
6.73E-08	1.49E-04			1.4913
7.02E-08	1.54E-04			1.5402
7.50E-08	1.44E-04			1.4373
7.89E-08	2.44E-04			2.4405
9.61E-08	1.77E-04			1.7723
9.42E-08	2.23E-04			2.2344
6.44E-08	1.67E-04			1.6746
8.56E-08	1.66E-04			1.6568
6.54E-08	1.66E-04			1.6624
9.61E-08	2.37E-04			2.3747
6.92E-08	1.39E-04			1.3904
6.44E-08	2.29E-04			2.2921
8.17E-08	1.78E-04			1.7842
7.31E-08	2.14E-04			2.1445
7.98E-08	1.79E-04			1.7926
6.54E-08	1.49E-04			1.4907
9.64E-08	2.04E-04			2.0418
7.79E-08	1.47E-04			1.4696
6.92E-08	2.75E-04			2.7487
6.73E-08	1.61E-04			1.6083
9.61E-08	2.02E-04			2.0220
7.11E-08	2.09E-04			2.0875
6.15E-08	2.54E-04			2.5449
9.61E-08	1.75E-04			1.7484
9.13E-08	1.90E-04			1.9048
9.61E-08	1.77E-04			1.7741
8.56E-08	4.12E-04			4.1218
9.52E-08	1.96E-04			1.9573
8.75E-08	2.14E-04			2.1368
7.79E-08	3.18E-04			3.1753
7.40E-08	2.68E-04			2.6751
8.75E-08	2.05E-04			2.0450
9.13E-08	2.46E-04			2.4550
6.92E-08	2.15E-04			2.1527
7.59E-08	1.64E-04			1.6438
7.59E-08	1.60E-04			1.6033
6.15E-08	6.74E-04			6.7423

Number 130
Number per bin 13

shifted lognormal

%ile	Values
0	0
0.1	1.566
0.2	1.677
0.3	1.781
0.4	1.904
0.5	2.026
0.6	2.163
0.7	2.389
0.8	2.582
0.9	3.183
1	6.742

lognormal

%ile	Values
0	0
0.1	1.565638
0.2	1.676751
0.3	1.781208
0.4	1.904094
0.5	2.026027
0.6	2.162855
0.7	2.389038
0.8	2.581529
0.9	3.183468
1	6.742267

9.52E-08	1.88E-04	1.8790
9.61E-08	1.77E-04	1.7699
8.46E-08	2.14E-04	2.1369
8.75E-08	1.88E-04	1.8758
7.21E-08	2.49E-04	2.4895
9.42E-08	3.48E-04	3.4777
9.61E-08	1.97E-04	1.9690
8.17E-08	1.88E-04	1.8781
6.34E-08	2.32E-04	2.3217
6.25E-08	1.95E-04	1.9459
8.84E-08	6.09E-04	6.0913
9.04E-08	1.87E-04	1.8667
7.79E-08	3.10E-04	3.0999
7.50E-08	2.33E-04	2.3329
7.88E-08	1.34E-04	1.3445
9.61E-08	2.67E-04	2.6699
9.32E-08	1.48E-04	1.4761
7.88E-08	3.26E-04	3.2566
9.61E-08	1.90E-04	1.9030
9.32E-08	2.64E-04	2.6449
8.36E-08	1.98E-04	1.9849
6.82E-08	1.68E-04	1.6771
8.94E-08	2.25E-04	2.2454
9.13E-08	5.66E-04	5.6577
8.07E-08	1.65E-04	1.6508
8.07E-08	1.57E-04	1.5685
7.31E-08	1.49E-04	1.4903
8.07E-08	2.00E-04	1.9963
7.40E-08	1.52E-04	1.5222
6.34E-08	2.08E-04	2.0768
9.61E-08	1.68E-04	1.6780
9.23E-08	2.27E-04	2.2726
7.50E-08	3.45E-04	3.4545
7.11E-08	1.50E-04	1.4997
8.27E-08	1.67E-04	1.6680
7.21E-08	2.07E-04	2.0720
9.61E-08	2.45E-04	2.4487
9.04E-08	2.23E-04	2.2349
6.35E-08	1.71E-04	1.7144
7.02E-08	2.29E-04	2.2901
7.11E-08	1.95E-04	1.9467
7.98E-08	3.43E-04	3.4251
8.65E-08	2.07E-04	2.0690
8.37E-08	1.85E-04	1.8502
9.23E-08	1.86E-04	1.8629
9.61E-08	1.69E-04	1.6858
7.79E-08	2.44E-04	2.4376
7.40E-08	3.32E-04	3.3190
6.82E-08	2.72E-04	2.7161
6.63E-08	1.64E-04	1.6408
8.65E-08	2.20E-04	2.2050
6.54E-08	2.49E-04	2.4874

8.27E-08	2.55E-04	2.5518
8.27E-08	1.93E-04	1.9335
7.02E-08	3.60E-04	3.6025
8.17E-08	1.83E-04	1.8279
6.73E-08	2.57E-04	2.5738
7.12E-08	2.45E-04	2.4536
8.65E-08	1.70E-04	1.6954
7.69E-08	2.75E-04	2.7529
8.36E-08	1.50E-04	1.4981
8.94E-08	1.68E-04	1.6753
1.06E-07	1.41E-04	1.4064
8.84E-08	2.18E-04	2.1781
6.06E-08	2.08E-04	2.0782
7.69E-08	2.03E-04	2.0300
8.94E-08	1.80E-04	1.7999
6.63E-08	2.20E-04	2.1993
9.13E-08	1.77E-04	1.7737
8.65E-08	2.08E-04	2.0798
7.31E-08	2.73E-04	2.7307
9.23E-08	2.74E-04	2.7354
6.82E-08	2.51E-04	2.5076
7.31E-08	1.71E-04	1.7121
9.52E-08	1.96E-04	1.9550
6.15E-08	1.76E-04	1.7597
6.34E-08	1.62E-04	1.6248
9.42E-08	1.79E-04	1.7879
7.98E-08	2.02E-04	2.0171
8.36E-08	1.75E-04	1.7475
9.61E-08	4.28E-04	4.2766

1.0E-04 Multiplier

1.252914 Off-set

-2.55E-01 Mean

0.704607 SD

Cum	Bin	
0.0000		
12.8474	12.8474	0.0018
25.4517	12.6043	0.0124
38.1133	12.6617	0.0090
52.3033	14.1900	0.0998
64.8072	12.5039	0.0197
76.7004	11.8932	0.1030
91.8195	15.1191	0.2970
101.1127	9.2931	1.4786
117.3058	16.1932	0.6297
129.6447	12.3388	0.0354

Chi Squared 2.686456

0.741203 Mean

0.279714 SD

19.1762	19.1762	1.9892
27.4639	8.2878	2.6792
36.2621	8.7981	2.0067
47.3347	11.0726	0.3355
58.5042	11.1695	0.3000
70.5935	12.0892	0.0686
88.2114	17.6179	1.2104
100.1724	11.9611	0.0902
121.1451	20.9727	3.0308
129.9980	8.8529	1.9427

Chi Squared 13.65337

External Dose	Annual EDE	Min Log10(Min) Round	1.39E-04 -3.86E+00 -4.00E+00	caled Data
1.73E-07	2.14E-04	Multiplier	1.00E+04	2.1381
1.15E-07	2.50E-04			2.5011
1.63E-07	5.61E-04	Mean		5.6088
1.54E-07	8.77E-04		2.705	8.7657
1.73E-07	2.82E-04	SD		2.8152
1.54E-07	1.73E-04		1.505	1.7260
1.15E-07	2.11E-04			2.1053
1.73E-07	3.21E-04			3.2061
1.15E-07	3.33E-04			3.3285
1.83E-07	3.62E-04			3.6248
1.06E-07	3.45E-04			3.4451
1.35E-07	2.04E-04			2.0366
1.25E-07	1.61E-04			1.6108
1.25E-07	1.63E-04			1.6293
1.35E-07	1.48E-04			1.4758
1.44E-07	2.85E-04			2.8493
1.83E-07	1.86E-04			1.8626
1.73E-07	2.47E-04			2.4694
1.15E-07	1.83E-04			1.8253
1.54E-07	1.73E-04			1.7302
1.15E-07	1.76E-04			1.7575
1.83E-07	3.11E-04			3.1147
1.25E-07	1.56E-04			1.5557
1.15E-07	2.88E-04			2.8805
1.44E-07	1.87E-04			1.8671
1.35E-07	2.54E-04			2.5383
1.44E-07	1.90E-04			1.8971
1.15E-07	1.53E-04			1.5256
1.83E-07	2.53E-04			2.5345
1.44E-07	1.56E-04			1.5645
1.25E-07	3.06E-04			3.0574
1.25E-07	1.69E-04			1.6866
1.83E-07	2.19E-04			2.1872
1.25E-07	2.33E-04			2.3345
1.15E-07	2.85E-04			2.8458
1.73E-07	1.81E-04			1.8086
1.63E-07	2.09E-04			2.0937
1.83E-07	2.01E-04			2.0103
1.54E-07	5.97E-04			5.9684
1.73E-07	2.27E-04			2.2693
1.54E-07	2.33E-04			2.3306
1.44E-07	4.43E-04			4.4301
1.35E-07	3.17E-04			3.1726
1.54E-07	2.20E-04			2.2017
1.63E-07	3.22E-04			3.2224
1.25E-07	2.80E-04			2.8004
1.35E-07	1.80E-04			1.8032
1.35E-07	1.72E-04			1.7163
1.15E-07	1.10E-03			11.0385

Number	130
Number per bin	13

shifted lognormal

%ile	Values
0	0
0.1	1.666
0.2	1.818
0.3	1.951
0.4	2.104
0.5	2.222
0.6	2.483
0.7	2.805
0.8	3.179
0.9	4.024
1	11.039

lognormal

%ile	Values
0	0
0.1	1.665532
0.2	1.817884
0.3	1.950703
0.4	2.104486
0.5	2.222233
0.6	2.483243
0.7	2.804802
0.8	3.179315
0.9	4.023914
1	11.0385

1.73E-07	2.07E-04	2.0673
1.83E-07	2.07E-04	2.0671
1.54E-07	2.54E-04	2.5388
1.54E-07	2.17E-04	2.1718
1.35E-07	3.22E-04	3.2230
1.73E-07	4.62E-04	4.6191
1.73E-07	2.29E-04	2.2924
1.44E-07	2.21E-04	2.2071
1.15E-07	2.60E-04	2.5998
1.15E-07	2.44E-04	2.4411
1.63E-07	9.35E-04	9.3512
1.63E-07	1.95E-04	1.9473
1.44E-07	4.14E-04	4.1417
1.35E-07	2.37E-04	2.3737
1.44E-07	1.39E-04	1.3884
1.83E-07	3.40E-04	3.4039
1.63E-07	1.56E-04	1.5576
1.44E-07	3.33E-04	3.3252
1.73E-07	1.99E-04	1.9863
1.73E-07	2.76E-04	2.7635
1.54E-07	2.30E-04	2.2982
1.25E-07	1.81E-04	1.8064
1.63E-07	2.36E-04	2.3640
1.63E-07	8.40E-04	8.3999
1.44E-07	1.69E-04	1.6902
1.44E-07	1.58E-04	1.5766
1.35E-07	1.53E-04	1.5337
1.44E-07	2.21E-04	2.2077
1.35E-07	1.67E-04	1.6696
1.15E-07	2.25E-04	2.2458
1.73E-07	1.95E-04	1.9522
1.63E-07	2.50E-04	2.4994
1.35E-07	4.25E-04	4.2544
1.25E-07	1.57E-04	1.5655
1.44E-07	1.82E-04	1.8202
1.25E-07	2.13E-04	2.1262
1.73E-07	3.00E-04	3.0041
1.63E-07	2.68E-04	2.6836
1.15E-07	1.86E-04	1.8613
1.25E-07	2.79E-04	2.7879
1.25E-07	2.06E-04	2.0578
1.44E-07	3.89E-04	3.8919
1.54E-07	2.49E-04	2.4902
1.54E-07	1.99E-04	1.9908
1.63E-07	2.23E-04	2.2286
1.73E-07	1.84E-04	1.8429
1.44E-07	2.87E-04	2.8677
1.35E-07	4.43E-04	4.4261
1.25E-07	4.01E-04	4.0108
1.15E-07	1.76E-04	1.7645
1.54E-07	2.68E-04	2.6798
1.15E-07	2.93E-04	2.9294

1.54E-07	3.25E-04	3.2526
1.44E-07	1.96E-04	1.9574
1.25E-07	5.00E-04	5.0014
1.44E-07	2.18E-04	2.1830
1.25E-07	3.06E-04	3.0551
1.25E-07	2.72E-04	2.7209
1.54E-07	1.88E-04	1.8845
1.35E-07	3.54E-04	3.5447
1.54E-07	1.55E-04	1.5531
1.63E-07	1.83E-04	1.8325
1.83E-07	1.42E-04	1.4180
1.63E-07	2.23E-04	2.2299
1.06E-07	2.10E-04	2.1032
1.35E-07	2.14E-04	2.1369
1.63E-07	1.87E-04	1.8696
1.15E-07	2.48E-04	2.4786
1.63E-07	1.89E-04	1.8925
1.54E-07	2.13E-04	2.1302
1.35E-07	3.57E-04	3.5652
1.63E-07	3.09E-04	3.0920
1.25E-07	3.03E-04	3.0345
1.35E-07	1.78E-04	1.7834
1.73E-07	1.99E-04	1.9886
1.15E-07	2.11E-04	2.1091
1.15E-07	1.77E-04	1.7738
1.73E-07	2.00E-04	2.0009
1.44E-07	2.22E-04	2.2159
1.54E-07	1.94E-04	1.9411
1.73E-07	5.96E-04	5.9582

1.0E-04 Multiplier

1.347034 Off-set

-7.68E-02 Mean

0.822703 SD

Cum	Bin	
0.0000		
12.6422	12.6422	0.0101
26.7116	14.0694	0.0813
39.1906	12.4790	0.0218
52.4524	13.2618	0.0052
61.4388	8.9864	1.7926
77.7578	16.3190	0.6750
92.2136	14.4558	0.1466
103.5520	11.3384	0.2435
117.1953	13.6433	0.0303
129.7194	12.5241	0.0181

Chi Squared 3.024462

0.868357 Mean

0.348725 SD

19.7811	19.7811	2.3246
28.4456	8.6646	2.1693
36.7881	8.3424	2.6003
46.9002	10.1121	0.8248
54.6817	7.7816	3.4995
71.1143	16.4325	0.7170
88.3837	17.2694	1.0555
103.4554	15.0717	0.2848
121.3541	17.8987	1.3407
129.9993	8.6452	2.1936

Chi Squared 17.01013

External Dose	Annual EDE	Min Log10(Min) Round	1.42E-04 -3.85E+00 -4.00E+00	caled Data
2.40E-07	2.27E-04	Multiplier	1.00E+04	2.2728
1.63E-07	2.53E-04			2.5298
2.21E-07	7.03E-04	Mean		7.0273
2.11E-07	1.13E-03		3.063	11.3409
2.31E-07	3.33E-04	SD		3.3273
2.11E-07	1.81E-04		2.024	1.8056
1.54E-07	2.35E-04			2.3523
2.40E-07	3.84E-04			3.8383
1.54E-07	3.93E-04			3.9346
2.50E-07	4.17E-04			4.1711
1.54E-07	3.99E-04			3.9927
1.92E-07	2.07E-04			2.0733
1.63E-07	1.70E-04			1.7024
1.73E-07	1.71E-04			1.7095
1.83E-07	1.52E-04			1.5211
1.92E-07	3.13E-04			3.1340
2.40E-07	1.94E-04			1.9431
2.31E-07	2.64E-04			2.6360
1.54E-07	1.95E-04			1.9507
2.11E-07	1.77E-04			1.7730
1.63E-07	1.83E-04			1.8318
2.40E-07	3.66E-04			3.6639
1.73E-07	1.70E-04			1.6979
1.54E-07	3.35E-04			3.3466
2.02E-07	1.94E-04			1.9416
1.83E-07	2.88E-04			2.8809
1.92E-07	1.97E-04			1.9749
1.63E-07	1.56E-04			1.5575
2.50E-07	2.94E-04			2.9359
1.92E-07	1.64E-04			1.6362
1.73E-07	3.37E-04			3.3739
1.63E-07	1.74E-04			1.7432
2.40E-07	2.33E-04			2.3305
1.73E-07	2.52E-04			2.5234
1.54E-07	3.11E-04			3.1105
2.31E-07	1.85E-04			1.8498
2.21E-07	2.26E-04			2.2614
2.40E-07	2.19E-04			2.1886
2.11E-07	7.47E-04			7.4655
2.31E-07	2.53E-04			2.5307
2.11E-07	2.49E-04			2.4859
1.92E-07	5.42E-04			5.4183
1.83E-07	3.51E-04			3.5106
2.11E-07	2.34E-04			2.3405
2.21E-07	3.83E-04			3.8297
1.73E-07	3.31E-04			3.3059
1.83E-07	1.94E-04			1.9401
1.83E-07	1.81E-04			1.8058
1.54E-07	1.45E-03			14.5462

Number	130
Number per bin	13

shifted lognormal

%ile	Values
0	0
0.1	1.722
0.2	1.936
0.3	2.033
0.4	2.229
0.5	2.411
0.6	2.704
0.7	3.151
0.8	3.547
0.9	4.845
1	14.546

lognormal

%ile	Values
0	0
0.1	1.721583
0.2	1.936351
0.3	2.033278
0.4	2.228892
0.5	2.411156
0.6	2.704076
0.7	3.150958
0.8	3.546736
0.9	4.844671
1	14.54621

2.31E-07	2.22E-04	2.2171
2.40E-07	2.30E-04	2.3048
2.11E-07	2.85E-04	2.8549
2.11E-07	2.41E-04	2.4085
1.73E-07	3.82E-04	3.8237
2.31E-07	5.39E-04	5.3927
2.40E-07	2.57E-04	2.5750
2.02E-07	2.46E-04	2.4616
1.54E-07	2.84E-04	2.8396
1.54E-07	2.83E-04	2.8335
2.21E-07	1.21E-03	12.1141
2.21E-07	2.01E-04	2.0097
1.92E-07	4.90E-04	4.9032
1.83E-07	2.41E-04	2.4138
1.92E-07	1.42E-04	1.4186
2.50E-07	3.99E-04	3.9940
2.31E-07	1.63E-04	1.6276
1.92E-07	3.39E-04	3.3891
2.40E-07	2.06E-04	2.0561
2.31E-07	2.86E-04	2.8552
2.02E-07	2.55E-04	2.5487
1.63E-07	1.90E-04	1.9031
2.21E-07	2.48E-04	2.4769
2.21E-07	1.08E-03	10.7955
2.02E-07	1.72E-04	1.7229
2.02E-07	1.58E-04	1.5834
1.83E-07	1.58E-04	1.5805
1.92E-07	2.36E-04	2.3593
1.83E-07	1.78E-04	1.7755
1.54E-07	2.39E-04	2.3927
2.40E-07	2.17E-04	2.1682
2.31E-07	2.69E-04	2.6887
1.83E-07	4.84E-04	4.8382
1.73E-07	1.62E-04	1.6218
2.02E-07	1.94E-04	1.9427
1.73E-07	2.17E-04	2.1736
2.40E-07	3.51E-04	3.5058
2.21E-07	3.05E-04	3.0517
1.54E-07	1.99E-04	1.9861
1.73E-07	3.20E-04	3.2004
1.73E-07	2.15E-04	2.1473
1.92E-07	4.31E-04	4.3122
2.11E-07	2.86E-04	2.8572
2.02E-07	2.11E-04	2.1073
2.31E-07	2.53E-04	2.5347
2.40E-07	1.97E-04	1.9666
1.92E-07	3.19E-04	3.1905
1.83E-07	5.28E-04	5.2841
1.63E-07	5.04E-04	5.0391
1.63E-07	1.86E-04	1.8554
2.11E-07	3.06E-04	3.0579
1.63E-07	3.25E-04	3.2489

2.02E-07	3.81E-04	3.8076
2.02E-07	1.97E-04	1.9653
1.73E-07	6.00E-04	5.9952
2.02E-07	2.45E-04	2.4543
1.63E-07	3.36E-04	3.3602
1.73E-07	3.10E-04	3.0965
2.11E-07	2.04E-04	2.0398
1.92E-07	4.21E-04	4.2108
2.02E-07	1.60E-04	1.5976
2.21E-07	1.96E-04	1.9632
2.50E-07	1.44E-04	1.4399
2.21E-07	2.26E-04	2.2648
1.54E-07	2.11E-04	2.1142
1.92E-07	2.24E-04	2.2367
2.21E-07	1.92E-04	1.9214
1.63E-07	2.73E-04	2.7272
2.21E-07	1.98E-04	1.9826
2.11E-07	2.17E-04	2.1651
1.83E-07	4.26E-04	4.2570
2.21E-07	3.52E-04	3.5173
1.63E-07	3.52E-04	3.5174
1.83E-07	1.84E-04	1.8423
2.31E-07	2.02E-04	2.0181
1.54E-07	2.40E-04	2.3993
1.54E-07	1.90E-04	1.9012
2.31E-07	2.18E-04	2.1841
1.92E-07	2.38E-04	2.3827
2.02E-07	2.09E-04	2.0910
2.40E-07	7.29E-04	7.2938

1.0E-04 Multiplier

1.410044 Off-set

3.39E-02 Mean

0.912179 SD

Cum	Bin	
0.0000		
12.2379	12.2379	0.0475
29.8206	17.5828	1.1945
37.6039	7.7832	3.4966
51.8523	14.2485	0.1094
63.1348	11.2825	0.2614
77.5999	14.4651	0.1484
93.0623	15.4623	0.3921
102.2765	9.2142	1.5555
117.7581	15.4816	0.3978
129.6533	11.8952	0.1026

Chi Squared 7.705741

0.952495 Mean

0.405308 SD

20.3207	20.3207	2.6374
30.6622	10.3414	0.6835
35.6891	5.0270	12.6455
46.1173	10.4281	0.6343
55.7863	9.6690	1.1475
70.3984	14.6121	0.1779
89.0458	18.6475	1.7104
101.4528	12.4070	0.0283
122.0157	20.5629	2.7816
129.9986	7.9829	3.1531

Chi Squared 25.59943

External Dose	Annual EDE	Min Log10(Min) Round	1.43E-04 -3.84E+00 -4.00E+00	caled Data
2.88E-07	2.34E-04	Multiplier	1.00E+04	2.3392
1.92E-07	2.67E-04			2.6700
2.60E-07	8.22E-04	Mean		8.2227
2.50E-07	1.32E-03		3.330	13.1783
2.69E-07	3.69E-04	SD		3.6862
2.50E-07	1.88E-04		2.413	1.8823
1.83E-07	2.51E-04			2.5108
2.88E-07	4.35E-04			4.3451
1.92E-07	4.47E-04			4.4663
2.88E-07	4.63E-04			4.6341
1.83E-07	4.46E-04			4.4551
2.21E-07	2.10E-04			2.0983
1.92E-07	1.78E-04			1.7807
2.02E-07	1.77E-04			1.7654
2.21E-07	1.54E-04			1.5361
2.31E-07	3.41E-04			3.4058
2.88E-07	2.00E-04			2.0050
2.79E-07	2.77E-04			2.7696
1.92E-07	2.03E-04			2.0315
2.50E-07	1.81E-04			1.8099
1.92E-07	1.90E-04			1.8953
2.88E-07	4.11E-04			4.1066
2.02E-07	1.81E-04			1.8073
1.92E-07	3.69E-04			3.6949
2.40E-07	1.98E-04			1.9803
2.11E-07	3.10E-04			3.0978
2.31E-07	2.05E-04			2.0480
1.92E-07	1.58E-04			1.5833
2.98E-07	3.23E-04			3.2324
2.31E-07	1.69E-04			1.6891
2.02E-07	3.50E-04			3.5046
2.02E-07	1.79E-04			1.7914
2.88E-07	2.42E-04			2.4229
2.11E-07	2.66E-04			2.6554
1.83E-07	3.25E-04			3.2535
2.79E-07	1.88E-04			1.8835
2.69E-07	2.37E-04			2.3684
2.88E-07	2.32E-04			2.3192
2.50E-07	8.77E-04			8.7693
2.79E-07	2.70E-04			2.7042
2.60E-07	2.60E-04			2.6042
2.31E-07	6.21E-04			6.2096
2.11E-07	3.77E-04			3.7700
2.60E-07	2.43E-04			2.4300
2.69E-07	4.26E-04			4.2599
2.02E-07	3.70E-04			3.6999
2.21E-07	2.03E-04			2.0309
2.21E-07	1.87E-04			1.8734
1.83E-07	1.72E-03			17.1725

Number	130
Number per bin	13

shifted lognormal

%ile	Values
0	0
0.1	1.790
0.2	1.992
0.3	2.091
0.4	2.315
0.5	2.566
0.6	2.855
0.7	3.422
0.8	3.880
0.9	5.243
1	17.173

lognormal

%ile	Values
0	0
0.1	1.790376
0.2	1.992048
0.3	2.091048
0.4	2.315262
0.5	2.566361
0.6	2.855009
0.7	3.422454
0.8	3.880117
0.9	5.242882
1	17.17253

2.79E-07	2.31E-04	2.3093
2.88E-07	2.46E-04	2.4591
2.50E-07	3.10E-04	3.0963
2.60E-07	2.57E-04	2.5713
2.11E-07	4.27E-04	4.2666
2.79E-07	6.06E-04	6.0626
2.79E-07	2.76E-04	2.7617
2.40E-07	2.65E-04	2.6543
1.83E-07	2.94E-04	2.9387
1.83E-07	3.12E-04	3.1232
2.60E-07	1.41E-03	14.1486
2.69E-07	2.05E-04	2.0488
2.31E-07	5.42E-04	5.4151
2.21E-07	2.43E-04	2.4342
2.31E-07	1.43E-04	1.4301
2.98E-07	4.47E-04	4.4668
2.69E-07	1.67E-04	1.6740
2.31E-07	3.56E-04	3.5552
2.88E-07	2.12E-04	2.1156
2.69E-07	2.92E-04	2.9226
2.40E-07	2.74E-04	2.7428
2.02E-07	1.98E-04	1.9828
2.60E-07	2.56E-04	2.5614
2.69E-07	1.23E-03	12.3404
2.40E-07	1.75E-04	1.7498
2.40E-07	1.59E-04	1.5882
2.11E-07	1.60E-04	1.5995
2.31E-07	2.49E-04	2.4872
2.21E-07	1.85E-04	1.8489
1.83E-07	2.50E-04	2.4953
2.79E-07	2.32E-04	2.3224
2.69E-07	2.82E-04	2.8232
2.21E-07	5.22E-04	5.2237
2.11E-07	1.66E-04	1.6602
2.40E-07	2.04E-04	2.0417
2.11E-07	2.20E-04	2.2031
2.79E-07	3.82E-04	3.8235
2.69E-07	3.32E-04	3.3187
1.83E-07	2.07E-04	2.0741
2.02E-07	3.50E-04	3.5046
2.11E-07	2.23E-04	2.2272
2.31E-07	4.63E-04	4.6252
2.50E-07	3.09E-04	3.0853
2.50E-07	2.19E-04	2.1911
2.69E-07	2.77E-04	2.7686
2.88E-07	2.05E-04	2.0536
2.31E-07	3.46E-04	3.4614
2.21E-07	5.89E-04	5.8903
2.02E-07	5.80E-04	5.7970
1.92E-07	1.92E-04	1.9165
2.50E-07	3.38E-04	3.3798
1.92E-07	3.54E-04	3.5418

2.40E-07	4.29E-04	4.2862
2.40E-07	2.00E-04	1.9970
2.02E-07	6.74E-04	6.7380
2.40E-07	2.67E-04	2.6739
1.92E-07	3.63E-04	3.6279
2.11E-07	3.19E-04	3.1933
2.50E-07	2.14E-04	2.1418
2.21E-07	4.75E-04	4.7474
2.40E-07	1.63E-04	1.6328
2.60E-07	2.05E-04	2.0521
2.98E-07	1.45E-04	1.4452
2.60E-07	2.31E-04	2.3058
1.83E-07	2.13E-04	2.1338
2.21E-07	2.30E-04	2.2992
2.60E-07	1.97E-04	1.9668
1.92E-07	2.90E-04	2.9027
2.69E-07	2.06E-04	2.0592
2.50E-07	2.19E-04	2.1941
2.11E-07	4.71E-04	4.7060
2.69E-07	3.78E-04	3.7828
2.02E-07	3.79E-04	3.7920
2.11E-07	1.89E-04	1.8932
2.79E-07	2.03E-04	2.0287
1.83E-07	2.59E-04	2.5923
1.83E-07	1.99E-04	1.9944
2.79E-07	2.31E-04	2.3066
2.31E-07	2.52E-04	2.5162
2.50E-07	2.21E-04	2.2083
2.88E-07	8.44E-04	8.4374

1.0E-04 Multiplier

1.495400 Off-set

6.39E-02 Mean

0.983476 SD

Cum	Bin	
0.0000		
12.4429	12.4429	0.0249
28.4298	15.9869	0.5581
36.0089	7.5792	3.8772
51.3182	15.3092	0.3483
65.2447	13.9265	0.0616
77.6995	12.4548	0.0239
94.4347	16.7352	0.8337
103.1575	8.7228	2.0974
116.9254	13.7679	0.0428
129.5926	12.6672	0.0087

Chi Squared 7.876623

1.000838 Mean

0.427804 SD

21.3233	21.3233	3.2489
30.3081	8.9848	1.7943
34.9986	4.6905	14.7207
45.8975	10.8989	0.4051
57.9482	12.0507	0.0748
70.8353	12.8872	0.0010
91.5455	20.7101	2.8704
103.5707	12.0252	0.0790
121.8649	18.2942	1.5321
129.9989	8.1340	2.9110

Chi Squared 27.63718

External Dose	Annual EDE	Min Log10(Min) Round	1.45E-04 -3.84E+00 -4.00E+00	caled Data
3.17E-07	2.41E-04	Multiplier	1.00E+04	2.4129
2.11E-07	2.68E-04			2.6833
2.88E-07	8.83E-04	Mean		8.8316
2.79E-07	1.45E-03		3.512	14.5361
3.08E-07	3.92E-04	SD		3.9239
2.79E-07	1.92E-04		2.676	1.9179
2.02E-07	2.64E-04			2.6371
3.17E-07	4.57E-04			4.5677
2.11E-07	4.78E-04			4.7763
3.27E-07	4.91E-04			4.9138
2.02E-07	4.65E-04			4.6498
2.50E-07	2.12E-04			2.1206
2.21E-07	1.83E-04			1.8283
2.31E-07	1.81E-04			1.8059
2.40E-07	1.56E-04			1.5585
2.60E-07	3.64E-04			3.6408
3.17E-07	2.03E-04			2.0318
3.08E-07	2.86E-04			2.8602
2.11E-07	2.09E-04			2.0941
2.79E-07	1.83E-04			1.8331
2.11E-07	1.93E-04			1.9313
3.27E-07	4.36E-04			4.3586
2.21E-07	1.88E-04			1.8848
2.11E-07	3.92E-04			3.9189
2.69E-07	2.03E-04			2.0264
2.40E-07	3.26E-04			3.2626
2.60E-07	2.10E-04			2.0956
2.11E-07	1.59E-04			1.5923
3.27E-07	3.48E-04			3.4798
2.50E-07	1.72E-04			1.7190
2.31E-07	3.59E-04			3.5924
2.21E-07	1.82E-04			1.8179
3.27E-07	2.49E-04			2.4922
2.31E-07	2.77E-04			2.7661
2.02E-07	3.47E-04			3.4738
3.08E-07	1.90E-04			1.8981
2.98E-07	2.46E-04			2.4580
3.27E-07	2.41E-04			2.4137
2.79E-07	9.51E-04			9.5145
3.08E-07	2.82E-04			2.8212
2.88E-07	2.68E-04			2.6783
2.50E-07	6.68E-04			6.6783
2.40E-07	3.99E-04			3.9932
2.88E-07	2.50E-04			2.5042
2.98E-07	4.62E-04			4.6161
2.21E-07	3.95E-04			3.9475
2.50E-07	2.09E-04			2.0921
2.50E-07	1.91E-04			1.9118
2.02E-07	1.89E-03			18.9338

Number	130
Number per bin	13

shifted lognormal

%ile	Values
0	0
0.1	1.827
0.2	2.025
0.3	2.137
0.4	2.402
0.5	2.658
0.6	2.933
0.7	3.581
0.8	4.122
0.9	5.541
1	18.934

lognormal

%ile	Values
0	0
0.1	1.827224
0.2	2.025351
0.3	2.136599
0.4	2.402207
0.5	2.657684
0.6	2.93348
0.7	3.581333
0.8	4.122498
0.9	5.541023
1	18.93375

3.08E-07	2.39E-04	2.3861
3.27E-07	2.59E-04	2.5898
2.79E-07	3.25E-04	3.2478
2.88E-07	2.70E-04	2.7017
2.31E-07	4.61E-04	4.6135
3.08E-07	6.53E-04	6.5318
3.17E-07	2.90E-04	2.9033
2.69E-07	2.79E-04	2.7886
2.02E-07	3.12E-04	3.1245
2.02E-07	3.32E-04	3.3183
2.88E-07	1.56E-03	15.5705
2.98E-07	2.08E-04	2.0793
2.50E-07	5.83E-04	5.8324
2.40E-07	2.45E-04	2.4536
2.60E-07	1.45E-04	1.4514
3.27E-07	4.77E-04	4.7732
2.98E-07	1.71E-04	1.7087
2.60E-07	3.58E-04	3.5766
3.17E-07	2.15E-04	2.1463
3.08E-07	2.95E-04	2.9466
2.69E-07	2.86E-04	2.8614
2.21E-07	2.02E-04	2.0211
2.88E-07	2.60E-04	2.5955
2.98E-07	1.34E-03	13.4234
2.60E-07	1.76E-04	1.7600
2.60E-07	1.59E-04	1.5914
2.40E-07	1.62E-04	1.6234
2.60E-07	2.57E-04	2.5679
2.40E-07	1.91E-04	1.9127
2.11E-07	2.56E-04	2.5573
3.08E-07	2.44E-04	2.4402
2.98E-07	2.92E-04	2.9248
2.40E-07	5.51E-04	5.5086
2.31E-07	1.69E-04	1.6883
2.69E-07	2.10E-04	2.1008
2.31E-07	2.23E-04	2.2277
3.17E-07	4.06E-04	4.0635
2.98E-07	3.50E-04	3.4978
2.11E-07	2.15E-04	2.1482
2.31E-07	3.73E-04	3.7299
2.31E-07	2.26E-04	2.2604
2.60E-07	4.90E-04	4.9026
2.79E-07	3.26E-04	3.2622
2.69E-07	2.26E-04	2.2553
2.98E-07	2.90E-04	2.9030
3.17E-07	2.11E-04	2.1139
2.50E-07	3.69E-04	3.6882
2.40E-07	6.35E-04	6.3507
2.21E-07	6.47E-04	6.4685
2.11E-07	1.97E-04	1.9746
2.79E-07	3.48E-04	3.4825
2.11E-07	3.78E-04	3.7808

2.69E-07	4.57E-04	4.5675
2.69E-07	2.00E-04	2.0001
2.31E-07	7.20E-04	7.1991
2.69E-07	2.80E-04	2.7985
2.21E-07	3.83E-04	3.8336
2.31E-07	3.38E-04	3.3814
2.79E-07	2.22E-04	2.2180
2.50E-07	5.07E-04	5.0730
2.69E-07	1.65E-04	1.6473
2.88E-07	2.13E-04	2.1263
3.27E-07	1.45E-04	1.4501
2.88E-07	2.33E-04	2.3288
2.02E-07	2.14E-04	2.1410
2.50E-07	2.35E-04	2.3470
2.88E-07	1.99E-04	1.9921
2.21E-07	3.02E-04	3.0184
2.98E-07	2.11E-04	2.1067
2.79E-07	2.22E-04	2.2177
2.40E-07	5.05E-04	5.0489
2.98E-07	4.01E-04	4.0054
2.21E-07	4.03E-04	4.0257
2.40E-07	1.91E-04	1.9140
3.08E-07	2.05E-04	2.0496
2.02E-07	2.74E-04	2.7372
2.02E-07	2.04E-04	2.0443
3.08E-07	2.39E-04	2.3855
2.60E-07	2.59E-04	2.5945
2.69E-07	2.28E-04	2.2824
3.17E-07	9.10E-04	9.1044

1.0E-04 Multiplier

1.524795 Off-set

1.14E-01 Mean

1.006471 SD

Cum	Bin	
0.0000		
12.5446	12.5446	0.0165
27.4983	14.9537	0.2552
35.5776	8.0793	2.9969
52.4956	16.9180	0.9074
65.5401	13.0445	0.0002
76.6674	11.1273	0.3152
94.4698	17.8024	1.2955
103.7560	9.2862	1.4852
116.6846	12.9286	0.0004
129.5821	12.8975	0.0008

Chi Squared 7.273288

1.034934 Mean

0.443904 SD

21.4701	21.4701	3.3415
29.7921	8.3220	2.6296
34.7437	4.9516	13.0822
46.8630	12.1193	0.0640
58.3033	11.4402	0.2127
69.8130	11.5098	0.1929
91.8125	21.9994	3.6814
104.6450	12.8325	0.0022
121.7388	17.0938	0.9804
129.9989	8.2601	2.7200

Chi Squared 26.90697

