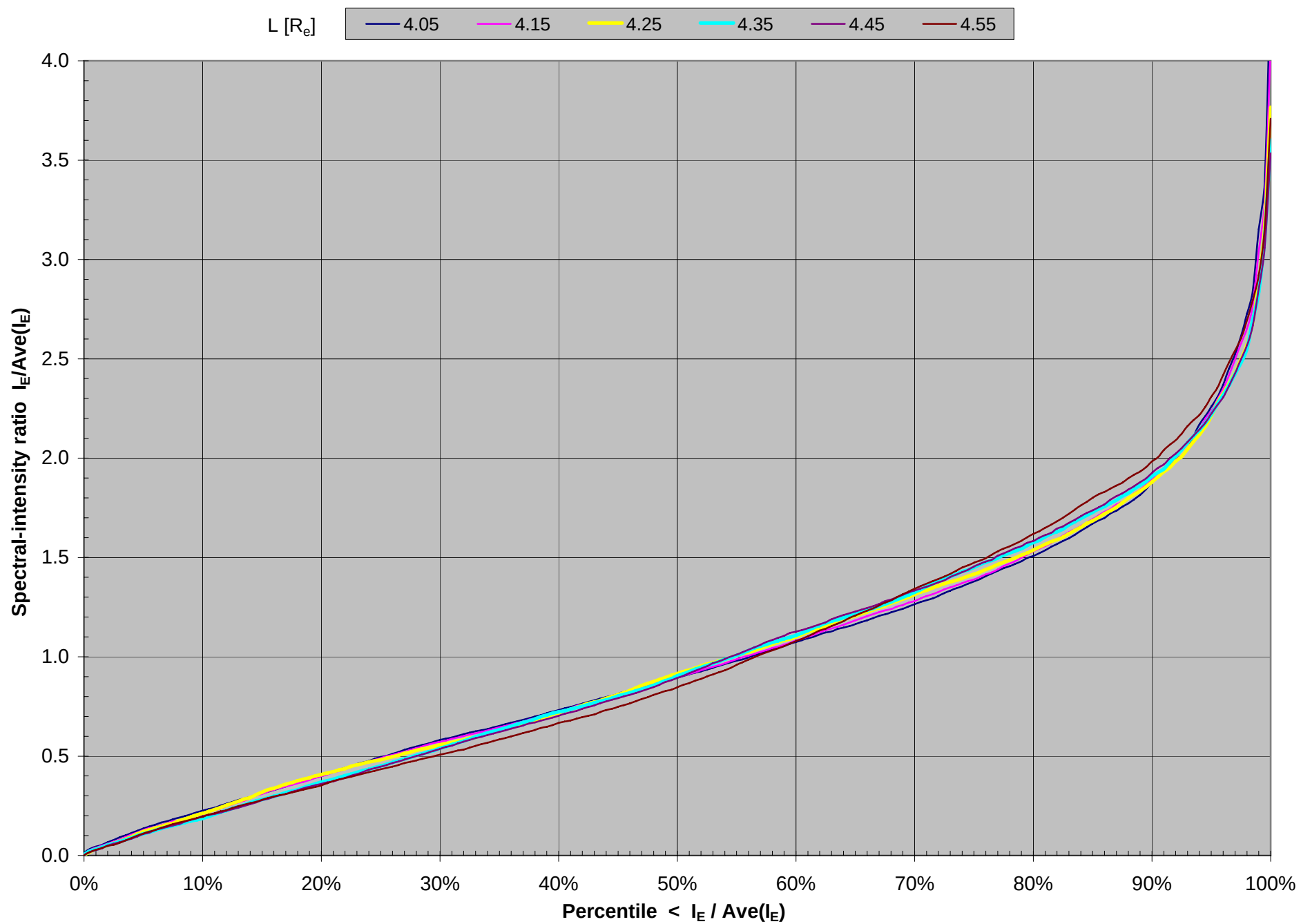


Intensity variations of 100-keV protons in radiation belt



	I_E [p/(cm ² s sr MeV)]							I_E / Ave(I_E)					
L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55	L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55
Average	3.63E+07	3.76E+07	3.86E+07	3.80E+07	3.68E+07	3.32E+07	Ave(I_E)	3.6E+07	3.8E+07	3.9E+07	3.8E+07	3.7E+07	3.3E+07
Std-Dev	2.43E+07	2.51E+07	2.54E+07	2.54E+07	2.47E+07	2.33E+07	Med(I_E)	3.2E+07	3.4E+07	3.5E+07	3.4E+07	3.3E+07	2.8E+07
100.0%	1.60E+08	1.53E+08	1.45E+08	1.37E+08	1.30E+08	1.23E+08	100.0%	4.41	4.07	3.77	3.60	3.54	3.71
99.5%	1.23E+08	1.24E+08	1.22E+08	1.18E+08	1.13E+08	1.05E+08	99.5%	3.39	3.29	3.17	3.11	3.06	3.16
99.0%	1.14E+08	1.14E+08	1.11E+08	1.08E+08	1.05E+08	9.70E+07	99.0%	3.15	3.04	2.88	2.84	2.85	2.92
98.5%	1.03E+08	1.04E+08	1.04E+08	1.02E+08	9.81E+07	9.28E+07	98.5%	2.84	2.77	2.69	2.70	2.67	2.80
98.0%	9.90E+07	9.97E+07	9.93E+07	9.69E+07	9.45E+07	8.94E+07	98.0%	2.73	2.65	2.57	2.55	2.57	2.69
97.5%	9.50E+07	9.69E+07	9.65E+07	9.43E+07	9.19E+07	8.64E+07	97.5%	2.62	2.58	2.50	2.48	2.50	2.60
97.0%	9.16E+07	9.39E+07	9.39E+07	9.21E+07	8.93E+07	8.44E+07	97.0%	2.52	2.50	2.43	2.42	2.43	2.54
96.5%	8.90E+07	9.09E+07	9.17E+07	8.99E+07	8.70E+07	8.24E+07	96.5%	2.45	2.42	2.38	2.37	2.36	2.48
96.0%	8.60E+07	8.83E+07	8.99E+07	8.80E+07	8.48E+07	8.03E+07	96.0%	2.37	2.35	2.33	2.32	2.31	2.42
95.5%	8.37E+07	8.62E+07	8.79E+07	8.62E+07	8.33E+07	7.81E+07	95.5%	2.30	2.29	2.28	2.27	2.27	2.35
95.0%	8.21E+07	8.41E+07	8.55E+07	8.44E+07	8.18E+07	7.67E+07	95.0%	2.26	2.24	2.21	2.22	2.23	2.31
94.5%	8.03E+07	8.27E+07	8.34E+07	8.27E+07	8.02E+07	7.50E+07	94.5%	2.21	2.20	2.16	2.18	2.18	2.26
94.0%	7.88E+07	8.06E+07	8.18E+07	8.13E+07	7.89E+07	7.36E+07	94.0%	2.17	2.14	2.12	2.14	2.14	2.22
93.5%	7.66E+07	7.93E+07	8.05E+07	8.01E+07	7.77E+07	7.28E+07	93.5%	2.11	2.11	2.08	2.11	2.11	2.19
93.0%	7.42E+07	7.78E+07	7.90E+07	7.89E+07	7.65E+07	7.18E+07	93.0%	2.04	2.07	2.05	2.08	2.08	2.16
92.5%	7.31E+07	7.67E+07	7.75E+07	7.75E+07	7.54E+07	7.05E+07	92.5%	2.01	2.04	2.01	2.04	2.05	2.12
92.0%	7.23E+07	7.53E+07	7.66E+07	7.63E+07	7.44E+07	6.94E+07	92.0%	1.99	2.00	1.98	2.01	2.02	2.09
91.5%	7.13E+07	7.42E+07	7.54E+07	7.52E+07	7.36E+07	6.86E+07	91.5%	1.96	1.97	1.95	1.98	2.00	2.07
91.0%	7.02E+07	7.30E+07	7.46E+07	7.39E+07	7.24E+07	6.78E+07	91.0%	1.93	1.94	1.93	1.95	1.97	2.04
90.5%	6.93E+07	7.21E+07	7.36E+07	7.32E+07	7.18E+07	6.66E+07	90.5%	1.91	1.92	1.91	1.93	1.95	2.00
90.0%	6.83E+07	7.12E+07	7.26E+07	7.25E+07	7.08E+07	6.58E+07	90.0%	1.88	1.89	1.88	1.91	1.93	1.98
89.5%	6.69E+07	7.02E+07	7.17E+07	7.15E+07	6.98E+07	6.49E+07	89.5%	1.84	1.87	1.86	1.88	1.90	1.95
89.0%	6.59E+07	6.92E+07	7.09E+07	7.08E+07	6.91E+07	6.41E+07	89.0%	1.81	1.84	1.83	1.86	1.88	1.93
88.5%	6.51E+07	6.85E+07	7.01E+07	7.01E+07	6.84E+07	6.36E+07	88.5%	1.79	1.82	1.82	1.85	1.86	1.92
88.0%	6.43E+07	6.77E+07	6.95E+07	6.93E+07	6.77E+07	6.30E+07	88.0%	1.77	1.80	1.80	1.82	1.84	1.90
87.5%	6.37E+07	6.69E+07	6.86E+07	6.87E+07	6.70E+07	6.23E+07	87.5%	1.76	1.78	1.77	1.81	1.82	1.88
87.0%	6.30E+07	6.64E+07	6.77E+07	6.79E+07	6.65E+07	6.18E+07	87.0%	1.73	1.77	1.75	1.79	1.81	1.86
86.5%	6.25E+07	6.56E+07	6.70E+07	6.74E+07	6.59E+07	6.13E+07	86.5%	1.72	1.74	1.73	1.77	1.79	1.85
86.0%	6.17E+07	6.50E+07	6.64E+07	6.67E+07	6.50E+07	6.08E+07	86.0%	1.70	1.73	1.72	1.76	1.77	1.83
85.5%	6.12E+07	6.43E+07	6.57E+07	6.62E+07	6.44E+07	6.03E+07	85.5%	1.69	1.71	1.70	1.74	1.75	1.82
85.0%	6.06E+07	6.37E+07	6.51E+07	6.56E+07	6.39E+07	5.98E+07	85.0%	1.67	1.69	1.69	1.73	1.74	1.80
84.5%	6.00E+07	6.30E+07	6.46E+07	6.50E+07	6.34E+07	5.91E+07	84.5%	1.65	1.68	1.67	1.71	1.72	1.78
84.0%	5.93E+07	6.24E+07	6.38E+07	6.44E+07	6.28E+07	5.85E+07	84.0%	1.63	1.66	1.65	1.70	1.71	1.76
83.5%	5.86E+07	6.17E+07	6.32E+07	6.38E+07	6.21E+07	5.78E+07	83.5%	1.61	1.64	1.64	1.68	1.69	1.74
83.0%	5.80E+07	6.12E+07	6.25E+07	6.32E+07	6.16E+07	5.71E+07	83.0%	1.60	1.63	1.62	1.66	1.67	1.72
82.5%	5.75E+07	6.05E+07	6.19E+07	6.24E+07	6.09E+07	5.64E+07	82.5%	1.58	1.61	1.60	1.64	1.66	1.70
82.0%	5.69E+07	5.98E+07	6.14E+07	6.19E+07	6.05E+07	5.58E+07	82.0%	1.57	1.59	1.59	1.63	1.65	1.68
81.5%	5.64E+07	5.91E+07	6.10E+07	6.15E+07	5.97E+07	5.53E+07	81.5%	1.55	1.57	1.58	1.62	1.62	1.66
81.0%	5.58E+07	5.85E+07	6.05E+07	6.09E+07	5.93E+07	5.48E+07	81.0%	1.54	1.56	1.57	1.60	1.61	1.65
80.5%	5.53E+07	5.80E+07	5.99E+07	6.03E+07	5.88E+07	5.42E+07	80.5%	1.52	1.54	1.55	1.59	1.60	1.63
80.0%	5.47E+07	5.75E+07	5.94E+07	5.98E+07	5.82E+07	5.37E+07	80.0%	1.51	1.53	1.54	1.58	1.58	1.62
79.5%	5.44E+07	5.70E+07	5.88E+07	5.93E+07	5.79E+07	5.32E+07	79.5%	1.50	1.51	1.52	1.56	1.57	1.60
79.0%	5.38E+07	5.63E+07	5.84E+07	5.86E+07	5.73E+07	5.26E+07	79.0%	1.48	1.50	1.51	1.54	1.56	1.58
78.5%	5.33E+07	5.57E+07	5.79E+07	5.82E+07	5.69E+07	5.21E+07	78.5%	1.47	1.48	1.50	1.53	1.55	1.57
78.0%	5.29E+07	5.52E+07	5.75E+07	5.78E+07	5.64E+07	5.17E+07	78.0%	1.46	1.47	1.49	1.52	1.53	1.56
77.5%	5.25E+07	5.48E+07	5.70E+07	5.74E+07	5.59E+07	5.13E+07	77.5%	1.45	1.46	1.48	1.51	1.52	1.54
77.0%	5.20E+07	5.41E+07	5.66E+07	5.69E+07	5.55E+07	5.08E+07	77.0%	1.43	1.44	1.46	1.50	1.51	1.53
76.5%	5.16E+07	5.36E+07	5.60E+07	5.64E+07	5.48E+07	5.03E+07	76.5%	1.42	1.42	1.45	1.48	1.49	1.51
76.0%	5.10E+07	5.32E+07	5.56E+07	5.61E+07	5.44E+07	4.97E+07	76.0%	1.41	1.41	1.44	1.48	1.48	1.50
75.5%	5.05E+07	5.27E+07	5.51E+07	5.56E+07	5.40E+07	4.93E+07	75.5%	1.39	1.40	1.43	1.46	1.47	1.48
75.0%	5.01E+07	5.22E+07	5.47E+07	5.51E+07	5.35E+07	4.89E+07	75.0%	1.38	1.39	1.42	1.45	1.45	1.47
74.5%	4.97E+07	5.19E+07	5.43E+07	5.46E+07	5.29E+07	4.85E+07	74.5%	1.37	1.38	1.41	1.44	1.44	1.46
74.0%	4.92E+07	5.15E+07	5.39E+07	5.43E+07	5.24E+07	4.81E+07	74.0%	1.36	1.37	1.40	1.43	1.43	1.45
73.5%	4.88E+07	5.11E+07	5.35E+07	5.37E+07	5.20E+07	4.76E+07	73.5%	1.34	1.36	1.38	1.42	1.41	1.43
73.0%	4.84E+07	5.07E+07	5.32E+07	5.33E+07	5.16E+07	4.71E+07	73.0%	1.33	1.35	1.38	1.40	1.40	1.42
72.5%	4.79E+07	5.04E+07	5.29E+07	5.30E+07	5.09E+07	4.66E+07	72.5%	1.32	1.34	1.37	1.39	1.38	1.40
72.0%	4.74E+07	4.99E+07	5.24E+07	5.25E+07	5.06E+07	4.62E+07	72.0%	1.31	1.33	1.36	1.38	1.38	1.39
71.5%	4.70E+07	4.94E+07	5.20E+07	5.19E+07	5.01E+07	4.58E+07	71.5%	1.29	1.31	1.35	1.37	1.36	1.38
71.0%	4.66E+07	4.91E+07	5.15E+07	5.14E+07	4.97E+07	4.54E+07	71.0%	1.28	1.31	1.33	1.35	1.35	1.37
70.5%	4.63E+07	4.86E+07	5.12E+07	5.08E+07	4.94E+07	4.50E+07	70.5%	1.28	1.29	1.33	1.34	1.34	1.36
70.0%	4.59E+07	4.81E+07	5.08E+07	5.03E+07	4.91E+07	4.46E+07	70.0%	1.26	1.28	1.31	1.32	1.33	1.34
69.5%	4.55E+07	4.78E+07	5.02E+07	4.98E+07	4.87E+07	4.41E+07	69.5%	1.25	1.27	1.30	1.31	1.32	1.33
69.0%	4.51E+07	4.74E+07	4.98E+07	4.93E+07	4.82E+07	4.36E+07	69.0%	1.24	1.26	1.29	1.30	1.31	1.31
68.5%	4.48E+07	4.71E+07	4.94E+07	4.89E+07	4.78E+07	4.32E+07	68.5%	1.23	1.25	1.28	1.29	1.30	1.30
68.0%	4.44E+07	4.66E+07	4.90E+07	4.85E+07	4.74E+07	4.26E+07	68.0%	1.22	1.24	1.27	1.28	1.29	1.28
67.5%	4.41E+07	4.64E+07	4.86E+07	4.80E+07	4.71E+07	4.22E+07	67.5%	1.21	1.23	1.26	1.27	1.28	1.27
67.0%	4.38E+07	4.61E+07	4.82E+07	4.77E+07	4.66E+07	4.18E+07	67.0%	1.21	1.23	1.25	1.25	1.27	1.26

	I_E [p/(cm ² s sr MeV)]							I_E / Ave(I_E)					
L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55	L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55
Average	3.63E+07	3.76E+07	3.86E+07	3.80E+07	3.68E+07	3.32E+07	Ave(I_E)	3.6E+07	3.8E+07	3.9E+07	3.8E+07	3.7E+07	3.3E+07
Std-Dev	2.43E+07	2.51E+07	2.54E+07	2.54E+07	2.47E+07	2.33E+07	Med(I_E)	3.2E+07	3.4E+07	3.5E+07	3.4E+07	3.3E+07	2.8E+07
66.5%	4.34E+07	4.57E+07	4.78E+07	4.73E+07	4.62E+07	4.13E+07	66.5%	1.19	1.21	1.24	1.24	1.26	1.24
66.0%	4.30E+07	4.53E+07	4.73E+07	4.69E+07	4.58E+07	4.09E+07	66.0%	1.18	1.20	1.23	1.23	1.25	1.23
65.5%	4.27E+07	4.49E+07	4.70E+07	4.66E+07	4.55E+07	4.05E+07	65.5%	1.18	1.19	1.22	1.23	1.24	1.22
65.0%	4.23E+07	4.45E+07	4.66E+07	4.62E+07	4.52E+07	4.01E+07	65.0%	1.16	1.18	1.21	1.22	1.23	1.21
64.5%	4.19E+07	4.41E+07	4.62E+07	4.58E+07	4.48E+07	3.97E+07	64.5%	1.15	1.17	1.20	1.21	1.22	1.20
64.0%	4.17E+07	4.37E+07	4.58E+07	4.55E+07	4.45E+07	3.92E+07	64.0%	1.15	1.16	1.19	1.20	1.21	1.18
63.5%	4.14E+07	4.33E+07	4.54E+07	4.51E+07	4.41E+07	3.87E+07	63.5%	1.14	1.15	1.18	1.19	1.20	1.17
63.0%	4.10E+07	4.29E+07	4.51E+07	4.48E+07	4.37E+07	3.83E+07	63.0%	1.13	1.14	1.17	1.18	1.19	1.16
62.5%	4.08E+07	4.26E+07	4.46E+07	4.44E+07	4.32E+07	3.79E+07	62.5%	1.12	1.13	1.16	1.17	1.17	1.14
62.0%	4.04E+07	4.22E+07	4.42E+07	4.39E+07	4.28E+07	3.76E+07	62.0%	1.11	1.12	1.14	1.16	1.16	1.13
61.5%	4.00E+07	4.18E+07	4.38E+07	4.35E+07	4.24E+07	3.71E+07	61.5%	1.10	1.11	1.13	1.15	1.15	1.12
61.0%	3.97E+07	4.14E+07	4.34E+07	4.30E+07	4.21E+07	3.66E+07	61.0%	1.09	1.10	1.12	1.13	1.14	1.10
60.5%	3.93E+07	4.10E+07	4.30E+07	4.25E+07	4.17E+07	3.62E+07	60.5%	1.08	1.09	1.11	1.12	1.13	1.09
60.0%	3.90E+07	4.07E+07	4.25E+07	4.21E+07	4.15E+07	3.58E+07	60.0%	1.07	1.08	1.10	1.11	1.13	1.08
59.5%	3.87E+07	4.02E+07	4.21E+07	4.17E+07	4.12E+07	3.54E+07	59.5%	1.07	1.07	1.09	1.10	1.12	1.07
59.0%	3.83E+07	3.99E+07	4.18E+07	4.14E+07	4.07E+07	3.50E+07	59.0%	1.05	1.06	1.08	1.09	1.11	1.05
58.5%	3.80E+07	3.95E+07	4.15E+07	4.10E+07	4.03E+07	3.46E+07	58.5%	1.05	1.05	1.07	1.08	1.10	1.04
58.0%	3.77E+07	3.93E+07	4.11E+07	4.07E+07	3.99E+07	3.43E+07	58.0%	1.04	1.04	1.06	1.07	1.08	1.03
57.5%	3.74E+07	3.89E+07	4.07E+07	4.03E+07	3.95E+07	3.40E+07	57.5%	1.03	1.03	1.05	1.06	1.07	1.02
57.0%	3.69E+07	3.85E+07	4.03E+07	4.00E+07	3.90E+07	3.36E+07	57.0%	1.02	1.02	1.04	1.05	1.06	1.01
56.5%	3.66E+07	3.81E+07	3.99E+07	3.97E+07	3.85E+07	3.31E+07	56.5%	1.01	1.01	1.03	1.04	1.05	1.00
56.0%	3.62E+07	3.78E+07	3.95E+07	3.92E+07	3.81E+07	3.27E+07	56.0%	1.00	1.01	1.02	1.03	1.04	0.99
55.5%	3.58E+07	3.75E+07	3.93E+07	3.87E+07	3.76E+07	3.23E+07	55.5%	0.99	1.00	1.02	1.02	1.02	0.97
55.0%	3.56E+07	3.71E+07	3.89E+07	3.83E+07	3.72E+07	3.19E+07	55.0%	0.98	0.99	1.01	1.01	1.01	0.96
54.5%	3.53E+07	3.68E+07	3.85E+07	3.78E+07	3.68E+07	3.13E+07	54.5%	0.97	0.98	1.00	1.00	1.00	0.94
54.0%	3.50E+07	3.64E+07	3.82E+07	3.75E+07	3.64E+07	3.10E+07	54.0%	0.96	0.97	0.99	0.99	0.99	0.93
53.5%	3.47E+07	3.60E+07	3.78E+07	3.70E+07	3.59E+07	3.06E+07	53.5%	0.95	0.96	0.98	0.98	0.98	0.92
53.0%	3.43E+07	3.57E+07	3.75E+07	3.67E+07	3.56E+07	3.02E+07	53.0%	0.94	0.95	0.97	0.97	0.97	0.91
52.5%	3.40E+07	3.54E+07	3.72E+07	3.63E+07	3.50E+07	2.99E+07	52.5%	0.93	0.94	0.96	0.96	0.95	0.90
52.0%	3.37E+07	3.50E+07	3.68E+07	3.60E+07	3.46E+07	2.95E+07	52.0%	0.93	0.93	0.95	0.95	0.94	0.89
51.5%	3.34E+07	3.47E+07	3.64E+07	3.56E+07	3.42E+07	2.92E+07	51.5%	0.92	0.92	0.94	0.94	0.93	0.88
51.0%	3.31E+07	3.44E+07	3.61E+07	3.52E+07	3.38E+07	2.88E+07	51.0%	0.91	0.91	0.93	0.93	0.92	0.87
50.5%	3.28E+07	3.40E+07	3.57E+07	3.47E+07	3.33E+07	2.85E+07	50.5%	0.90	0.90	0.93	0.91	0.90	0.86
50.0%	3.25E+07	3.38E+07	3.54E+07	3.43E+07	3.29E+07	2.81E+07	50.0%	0.89	0.90	0.92	0.90	0.89	0.85
49.5%	3.22E+07	3.34E+07	3.50E+07	3.38E+07	3.24E+07	2.77E+07	49.5%	0.89	0.89	0.91	0.89	0.88	0.83
49.0%	3.18E+07	3.32E+07	3.46E+07	3.34E+07	3.21E+07	2.75E+07	49.0%	0.87	0.88	0.90	0.88	0.87	0.83
48.5%	3.16E+07	3.28E+07	3.42E+07	3.30E+07	3.16E+07	2.71E+07	48.5%	0.87	0.87	0.89	0.87	0.86	0.82
48.0%	3.12E+07	3.24E+07	3.38E+07	3.25E+07	3.12E+07	2.68E+07	48.0%	0.86	0.86	0.88	0.86	0.85	0.81
47.5%	3.09E+07	3.21E+07	3.34E+07	3.22E+07	3.08E+07	2.64E+07	47.5%	0.85	0.85	0.87	0.85	0.84	0.80
47.0%	3.07E+07	3.17E+07	3.30E+07	3.18E+07	3.05E+07	2.61E+07	47.0%	0.85	0.84	0.86	0.84	0.83	0.79
46.5%	3.05E+07	3.14E+07	3.26E+07	3.15E+07	3.01E+07	2.58E+07	46.5%	0.84	0.83	0.84	0.83	0.82	0.78
46.0%	3.02E+07	3.11E+07	3.21E+07	3.11E+07	2.97E+07	2.54E+07	46.0%	0.83	0.83	0.83	0.82	0.81	0.76
45.5%	2.99E+07	3.08E+07	3.17E+07	3.08E+07	2.94E+07	2.51E+07	45.5%	0.82	0.82	0.82	0.81	0.80	0.76
45.0%	2.96E+07	3.04E+07	3.13E+07	3.05E+07	2.91E+07	2.49E+07	45.0%	0.81	0.81	0.81	0.80	0.79	0.75
44.5%	2.92E+07	3.01E+07	3.09E+07	3.01E+07	2.88E+07	2.45E+07	44.5%	0.80	0.80	0.80	0.79	0.78	0.74
44.0%	2.90E+07	2.96E+07	3.05E+07	2.98E+07	2.85E+07	2.43E+07	44.0%	0.80	0.79	0.79	0.78	0.78	0.73
43.5%	2.87E+07	2.93E+07	3.01E+07	2.95E+07	2.82E+07	2.40E+07	43.5%	0.79	0.78	0.78	0.78	0.77	0.72
43.0%	2.84E+07	2.91E+07	2.98E+07	2.92E+07	2.78E+07	2.36E+07	43.0%	0.78	0.77	0.77	0.77	0.76	0.71
42.5%	2.81E+07	2.88E+07	2.95E+07	2.89E+07	2.75E+07	2.33E+07	42.5%	0.77	0.77	0.76	0.76	0.75	0.70
42.0%	2.78E+07	2.85E+07	2.92E+07	2.85E+07	2.72E+07	2.31E+07	42.0%	0.76	0.76	0.76	0.75	0.74	0.70
41.5%	2.74E+07	2.83E+07	2.88E+07	2.82E+07	2.68E+07	2.29E+07	41.5%	0.76	0.75	0.75	0.74	0.73	0.69
41.0%	2.72E+07	2.78E+07	2.84E+07	2.80E+07	2.65E+07	2.25E+07	41.0%	0.75	0.74	0.74	0.74	0.72	0.68
40.5%	2.69E+07	2.75E+07	2.81E+07	2.77E+07	2.62E+07	2.24E+07	40.5%	0.74	0.73	0.73	0.73	0.71	0.67
40.0%	2.66E+07	2.72E+07	2.78E+07	2.74E+07	2.59E+07	2.21E+07	40.0%	0.73	0.72	0.72	0.72	0.70	0.67
39.5%	2.63E+07	2.69E+07	2.74E+07	2.72E+07	2.55E+07	2.18E+07	39.5%	0.72	0.71	0.71	0.72	0.69	0.66
39.0%	2.60E+07	2.65E+07	2.70E+07	2.68E+07	2.52E+07	2.15E+07	39.0%	0.72	0.71	0.70	0.71	0.69	0.65
38.5%	2.57E+07	2.63E+07	2.66E+07	2.65E+07	2.50E+07	2.13E+07	38.5%	0.71	0.70	0.69	0.70	0.68	0.64
38.0%	2.54E+07	2.60E+07	2.63E+07	2.61E+07	2.46E+07	2.10E+07	38.0%	0.70	0.69	0.68	0.69	0.67	0.63
37.5%	2.51E+07	2.57E+07	2.60E+07	2.57E+07	2.44E+07	2.07E+07	37.5%	0.69	0.68	0.67	0.68	0.66	0.62
37.0%	2.48E+07	2.54E+07	2.57E+07	2.54E+07	2.41E+07	2.04E+07	37.0%	0.68	0.67	0.66	0.67	0.65	0.62
36.5%	2.45E+07	2.51E+07	2.54E+07	2.51E+07	2.38E+07	2.02E+07	36.5%	0.68	0.67	0.66	0.66	0.65	0.61
36.0%	2.43E+07	2.48E+07	2.50E+07	2.47E+07	2.35E+07	1.99E+07	36.0%	0.67	0.66	0.65	0.65	0.64	0.60
35.5%	2.40E+07	2.45E+07	2.46E+07	2.44E+07	2.32E+07	1.96E+07	35.5%	0.66	0.65	0.64	0.64	0.63	0.59
35.0%	2.37E+07	2.42E+07	2.43E+07	2.41E+07	2.29E+07	1.94E+07	35.0%	0.65	0.64	0.63	0.63	0.62	0.58
34.5%	2.34E+07	2.39E+07	2.40E+07	2.38E+07	2.26E+07	1.91E+07	34.5%	0.65	0.64	0.62	0.63	0.61	0.58
34.0%	2.31E+07	2.37E+07	2.37E+07	2.34E+07	2.23E+07	1.88E+07	34.0%	0.64	0.63	0.61	0.62	0.61	0.57
33.5%	2.29E+07	2.34E+07	2.34E+07	2.30E+07	2.20E+07	1.86E+07	33.5%	0.63	0.62	0.61	0.61	0.60	0.56

	I_E [p/(cm ² s sr MeV)]							I_E / Ave(I_E)					
L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55	L [R _g]	4.05	4.15	4.25	4.35	4.45	4.55
Average	3.63E+07	3.76E+07	3.86E+07	3.80E+07	3.68E+07	3.32E+07	Ave(I_E)	3.6E+07	3.8E+07	3.9E+07	3.8E+07	3.7E+07	3.3E+07
Std-Dev	2.43E+07	2.51E+07	2.54E+07	2.54E+07	2.47E+07	2.33E+07	Med(I_E)	3.2E+07	3.4E+07	3.5E+07	3.4E+07	3.3E+07	2.8E+07
33.0%	2.27E+07	2.31E+07	2.30E+07	2.27E+07	2.17E+07	1.83E+07	33.0%	0.62	0.61	0.60	0.60	0.59	0.55
32.5%	2.24E+07	2.29E+07	2.28E+07	2.23E+07	2.14E+07	1.80E+07	32.5%	0.62	0.61	0.59	0.59	0.58	0.54
32.0%	2.22E+07	2.26E+07	2.25E+07	2.19E+07	2.11E+07	1.77E+07	32.0%	0.61	0.60	0.58	0.58	0.57	0.53
31.5%	2.19E+07	2.23E+07	2.23E+07	2.16E+07	2.07E+07	1.75E+07	31.5%	0.60	0.59	0.58	0.57	0.56	0.53
31.0%	2.16E+07	2.21E+07	2.20E+07	2.12E+07	2.03E+07	1.73E+07	31.0%	0.59	0.59	0.57	0.56	0.55	0.52
30.5%	2.13E+07	2.18E+07	2.17E+07	2.08E+07	2.01E+07	1.71E+07	30.5%	0.59	0.58	0.56	0.55	0.55	0.51
30.0%	2.11E+07	2.15E+07	2.15E+07	2.05E+07	1.97E+07	1.68E+07	30.0%	0.58	0.57	0.56	0.54	0.54	0.51
29.5%	2.08E+07	2.13E+07	2.12E+07	2.01E+07	1.94E+07	1.66E+07	29.5%	0.57	0.57	0.55	0.53	0.53	0.50
29.0%	2.04E+07	2.10E+07	2.09E+07	1.98E+07	1.90E+07	1.64E+07	29.0%	0.56	0.56	0.54	0.52	0.52	0.49
28.5%	2.02E+07	2.06E+07	2.07E+07	1.94E+07	1.87E+07	1.61E+07	28.5%	0.56	0.55	0.54	0.51	0.51	0.49
28.0%	1.99E+07	2.03E+07	2.04E+07	1.91E+07	1.84E+07	1.59E+07	28.0%	0.55	0.54	0.53	0.50	0.50	0.48
27.5%	1.96E+07	2.00E+07	2.01E+07	1.87E+07	1.81E+07	1.57E+07	27.5%	0.54	0.53	0.52	0.49	0.49	0.47
27.0%	1.93E+07	1.96E+07	1.98E+07	1.85E+07	1.78E+07	1.54E+07	27.0%	0.53	0.52	0.51	0.49	0.48	0.46
26.5%	1.89E+07	1.93E+07	1.95E+07	1.81E+07	1.74E+07	1.51E+07	26.5%	0.52	0.51	0.50	0.48	0.47	0.45
26.0%	1.86E+07	1.90E+07	1.92E+07	1.78E+07	1.71E+07	1.49E+07	26.0%	0.51	0.51	0.50	0.47	0.46	0.45
25.5%	1.82E+07	1.88E+07	1.89E+07	1.74E+07	1.67E+07	1.46E+07	25.5%	0.50	0.50	0.49	0.46	0.46	0.44
25.0%	1.80E+07	1.84E+07	1.86E+07	1.71E+07	1.65E+07	1.44E+07	25.0%	0.50	0.49	0.48	0.45	0.45	0.43
24.5%	1.77E+07	1.81E+07	1.84E+07	1.68E+07	1.62E+07	1.41E+07	24.5%	0.49	0.48	0.48	0.44	0.44	0.43
24.0%	1.73E+07	1.77E+07	1.82E+07	1.65E+07	1.59E+07	1.39E+07	24.0%	0.48	0.47	0.47	0.43	0.43	0.42
23.5%	1.70E+07	1.74E+07	1.79E+07	1.62E+07	1.54E+07	1.37E+07	23.5%	0.47	0.46	0.46	0.43	0.42	0.41
23.0%	1.67E+07	1.71E+07	1.76E+07	1.59E+07	1.51E+07	1.34E+07	23.0%	0.46	0.46	0.46	0.42	0.41	0.40
22.5%	1.63E+07	1.67E+07	1.73E+07	1.56E+07	1.48E+07	1.32E+07	22.5%	0.45	0.44	0.45	0.41	0.40	0.40
22.0%	1.60E+07	1.63E+07	1.69E+07	1.53E+07	1.44E+07	1.29E+07	22.0%	0.44	0.43	0.44	0.40	0.39	0.39
21.5%	1.57E+07	1.60E+07	1.66E+07	1.49E+07	1.41E+07	1.27E+07	21.5%	0.43	0.42	0.43	0.39	0.38	0.38
21.0%	1.54E+07	1.57E+07	1.63E+07	1.46E+07	1.37E+07	1.24E+07	21.0%	0.42	0.42	0.42	0.38	0.37	0.37
20.5%	1.48E+07	1.53E+07	1.60E+07	1.43E+07	1.35E+07	1.21E+07	20.5%	0.41	0.41	0.42	0.38	0.37	0.36
20.0%	1.45E+07	1.50E+07	1.57E+07	1.40E+07	1.33E+07	1.17E+07	20.0%	0.40	0.40	0.41	0.37	0.36	0.35
19.5%	1.42E+07	1.47E+07	1.55E+07	1.37E+07	1.30E+07	1.15E+07	19.5%	0.39	0.39	0.40	0.36	0.35	0.35
19.0%	1.39E+07	1.43E+07	1.51E+07	1.33E+07	1.27E+07	1.12E+07	19.0%	0.38	0.38	0.39	0.35	0.35	0.34
18.5%	1.37E+07	1.39E+07	1.48E+07	1.30E+07	1.24E+07	1.10E+07	18.5%	0.38	0.37	0.38	0.34	0.34	0.33
18.0%	1.33E+07	1.37E+07	1.45E+07	1.26E+07	1.21E+07	1.07E+07	18.0%	0.37	0.36	0.38	0.33	0.33	0.32
17.5%	1.30E+07	1.34E+07	1.41E+07	1.23E+07	1.18E+07	1.05E+07	17.5%	0.36	0.36	0.37	0.32	0.32	0.32
17.0%	1.26E+07	1.30E+07	1.38E+07	1.20E+07	1.14E+07	1.03E+07	17.0%	0.35	0.35	0.36	0.32	0.31	0.31
16.5%	1.23E+07	1.28E+07	1.34E+07	1.16E+07	1.11E+07	1.01E+07	16.5%	0.34	0.34	0.35	0.31	0.30	0.30
16.0%	1.20E+07	1.24E+07	1.31E+07	1.13E+07	1.08E+07	9.85E+06	16.0%	0.33	0.33	0.34	0.30	0.29	0.30
15.5%	1.16E+07	1.21E+07	1.28E+07	1.10E+07	1.05E+07	9.60E+06	15.5%	0.32	0.32	0.33	0.29	0.28	0.29
15.0%	1.14E+07	1.16E+07	1.23E+07	1.07E+07	1.02E+07	9.31E+06	15.0%	0.31	0.31	0.32	0.28	0.28	0.28
14.5%	1.10E+07	1.13E+07	1.18E+07	1.04E+07	9.83E+06	8.97E+06	14.5%	0.30	0.30	0.31	0.28	0.27	0.27
14.0%	1.07E+07	1.08E+07	1.13E+07	1.00E+07	9.50E+06	8.74E+06	14.0%	0.29	0.29	0.29	0.26	0.26	0.26
13.5%	1.04E+07	1.04E+07	1.09E+07	9.65E+06	9.17E+06	8.50E+06	13.5%	0.29	0.28	0.28	0.25	0.25	0.26
13.0%	1.01E+07	1.00E+07	1.05E+07	9.30E+06	8.85E+06	8.23E+06	13.0%	0.28	0.27	0.27	0.24	0.24	0.25
12.5%	9.79E+06	9.68E+06	1.02E+07	8.99E+06	8.55E+06	7.95E+06	12.5%	0.27	0.26	0.26	0.24	0.23	0.24
12.0%	9.46E+06	9.32E+06	9.76E+06	8.56E+06	8.25E+06	7.58E+06	12.0%	0.26	0.25	0.25	0.23	0.22	0.23
11.5%	9.12E+06	8.88E+06	9.34E+06	8.27E+06	7.93E+06	7.37E+06	11.5%	0.25	0.24	0.24	0.22	0.22	0.22
11.0%	8.73E+06	8.56E+06	8.94E+06	7.85E+06	7.71E+06	7.04E+06	11.0%	0.24	0.23	0.23	0.21	0.21	0.21
10.5%	8.48E+06	8.19E+06	8.57E+06	7.46E+06	7.48E+06	6.84E+06	10.5%	0.23	0.22	0.22	0.20	0.20	0.21
10.0%	8.18E+06	7.83E+06	8.15E+06	7.09E+06	7.27E+06	6.47E+06	10.0%	0.23	0.21	0.21	0.19	0.20	0.19
9.5%	7.87E+06	7.59E+06	7.86E+06	6.81E+06	6.89E+06	6.24E+06	9.5%	0.22	0.20	0.20	0.18	0.19	0.19
9.0%	7.53E+06	7.34E+06	7.46E+06	6.58E+06	6.57E+06	5.98E+06	9.0%	0.21	0.20	0.19	0.17	0.18	0.18
8.5%	7.18E+06	7.00E+06	7.05E+06	6.29E+06	6.25E+06	5.72E+06	8.5%	0.20	0.19	0.18	0.17	0.17	0.17
8.0%	6.89E+06	6.66E+06	6.75E+06	6.02E+06	5.83E+06	5.50E+06	8.0%	0.19	0.18	0.17	0.16	0.16	0.17
7.5%	6.61E+06	6.49E+06	6.28E+06	5.69E+06	5.55E+06	5.24E+06	7.5%	0.18	0.17	0.16	0.15	0.15	0.16
7.0%	6.27E+06	6.11E+06	6.00E+06	5.46E+06	5.28E+06	4.92E+06	7.0%	0.17	0.16	0.16	0.14	0.14	0.15
6.5%	6.00E+06	5.77E+06	5.63E+06	5.16E+06	4.99E+06	4.60E+06	6.5%	0.17	0.15	0.15	0.14	0.14	0.14
6.0%	5.60E+06	5.42E+06	5.32E+06	4.78E+06	4.69E+06	4.25E+06	6.0%	0.15	0.14	0.14	0.13	0.13	0.13
5.5%	5.29E+06	5.19E+06	5.00E+06	4.42E+06	4.22E+06	3.99E+06	5.5%	0.15	0.14	0.13	0.12	0.11	0.12
5.0%	4.94E+06	4.80E+06	4.62E+06	4.15E+06	3.95E+06	3.67E+06	5.0%	0.14	0.13	0.12	0.11	0.11	0.11
4.5%	4.51E+06	4.33E+06	4.21E+06	3.78E+06	3.51E+06	3.31E+06	4.5%	0.12	0.12	0.11	0.10	0.10	0.10
4.0%	4.13E+06	3.99E+06	3.67E+06	3.39E+06	3.12E+06	2.91E+06	4.0%	0.11	0.11	0.10	0.09	0.08	0.09
3.5%	3.69E+06	3.53E+06	3.19E+06	3.01E+06	2.80E+06	2.51E+06	3.5%	0.10	0.09	0.08	0.08	0.08	0.08
3.0%	3.32E+06	2.99E+06	2.76E+06	2.67E+06	2.45E+06	2.11E+06	3.0%	0.09	0.08	0.07	0.07	0.07	0.06
2.5%	2.84E+06	2.62E+06	2.36E+06	2.29E+06	2.16E+06	1.79E+06	2.5%	0.08	0.07	0.06	0.06	0.06	0.05
2.0%	2.42E+06	2.23E+06	2.01E+06	2.01E+06	1.82E+06	1.60E+06	2.0%	0.07	0.06	0.05	0.05	0.05	0.05
1.5%	1.93E+06	1.87E+06	1.53E+06	1.57E+06	1.30E+06	1.27E+06	1.5%	0.05	0.05	0.04	0.04	0.04	0.04
1.0%	1.63E+06	1.45E+06	1.23E+06	1.16E+06	9.65E+05	9.77E+05	1.0%	0.04	0.04	0.03	0.03	0.03	0.03
0.5%	1.20E+06	1.05E+06	6.84E+05	8.47E+05	6.08E+05	6.00E+05	0.5%	0.03	0.03	0.02	0.02	0.02	0.02
0.0%	4.76E+05	1.66E+05	6.38E+04	1.86E+05	8.62E+04	8.96E+04	0.0%	0.01	0.00	0.00	0.00	0.00	0.00