

## JCO事故 :各距離での中性子束

無遮蔽DOT計算、線源高さ20m、

発生出力1kWh :1.203×10<sup>17</sup> の中性子放出、0.044mg<sup>0</sup> U235<sup>0</sup> Fissionに相当 (minimumと思われる)

群 番号	上限エネルギー (eV)	線源距離別中性子束(n/cm <sup>2</sup> )					
		200m	500m	1000m	1500m	2000m	2500m
1	1.68E+07	8.71E+04	2.66E+03	4.60E+01	1.35E+00	5.45E-02	2.31E-03
2	1.00E+07	1.61E+05	6.06E+03	1.31E+02	4.79E+00	2.26E-01	1.11E-02
3	7.79E+06	3.84E+05	1.56E+04	3.86E+02	1.59E+01	8.24E-01	4.55E-02
4	6.07E+06	3.07E+05	1.25E+04	3.08E+02	1.26E+01	6.46E-01	3.60E-02
5	5.35E+06	4.26E+05	2.08E+04	5.70E+02	2.71E+01	1.51E+00	9.19E-02
6	4.72E+06	3.81E+05	1.41E+04	3.11E+02	1.32E+01	6.92E-01	4.05E-02
7	4.17E+06	4.22E+05	1.16E+04	2.25E+02	8.90E+00	4.66E-01	2.73E-02
8	3.68E+06	4.95E+05	1.29E+04	2.15E+02	7.81E+00	4.01E-01	2.27E-02
9	3.25E+06	7.16E+05	2.01E+04	3.45E+02	1.19E+01	5.55E-01	3.13E-02
10	2.87E+06	9.77E+05	3.68E+04	6.48E+02	2.26E+01	9.76E-01	5.21E-02
11	2.53E+06	1.18E+06	4.79E+04	9.64E+02	3.20E+01	1.40E+00	7.33E-02
12	2.23E+06	2.09E+06	7.92E+04	1.45E+03	4.60E+01	1.92E+00	9.59E-02
13	1.74E+06	2.08E+06	7.82E+04	1.36E+03	4.34E+01	1.76E+00	8.61E-02
14	1.35E+06	2.20E+06	8.11E+04	1.49E+03	4.60E+01	1.90E+00	9.28E-02
15	1.05E+06	2.25E+06	8.83E+04	1.62E+03	4.90E+01	1.95E+00	9.54E-02
16	8.23E+05	2.37E+06	1.02E+05	1.84E+03	5.58E+01	2.23E+00	1.07E-01
17	6.39E+05	2.24E+06	1.07E+05	2.02E+03	6.05E+01	2.41E+00	1.15E-01
18	5.00E+05	1.29E+06	5.97E+04	1.13E+03	3.31E+01	1.38E+00	6.71E-02
19	3.88E+05	1.39E+06	6.26E+04	1.21E+03	3.55E+01	1.47E+00	7.14E-02
20	3.03E+05	1.36E+06	6.24E+04	1.21E+03	3.58E+01	1.45E+00	7.07E-02
21	2.35E+05	1.19E+06	5.61E+04	1.09E+03	3.23E+01	1.32E+00	6.36E-02
22	1.84E+05	1.14E+06	5.52E+04	1.09E+03	3.24E+01	1.32E+00	6.25E-02
23	1.43E+05	9.95E+05	4.91E+04	9.79E+02	2.93E+01	1.18E+00	5.60E-02
24	1.11E+05	8.91E+05	4.53E+04	9.02E+02	2.67E+01	1.08E+00	5.14E-02
25	8.65E+04	8.03E+05	4.14E+04	8.17E+02	2.45E+01	9.95E-01	4.83E-02
26	6.76E+04	7.49E+05	3.93E+04	7.88E+02	2.38E+01	9.54E-01	4.67E-02
27	5.25E+04	9.88E+05	5.29E+04	1.06E+03	3.28E+01	1.27E+00	6.04E-02
28	3.61E+04	9.14E+05	4.95E+04	9.90E+02	3.06E+01	1.20E+00	5.70E-02
29	2.48E+04	8.50E+05	4.69E+04	9.36E+02	2.90E+01	1.14E+00	5.39E-02
30	1.70E+04	1.31E+06	7.20E+04	1.47E+03	4.58E+01	1.80E+00	8.61E-02
31	9.12E+03	1.01E+06	5.54E+04	1.16E+03	3.60E+01	1.41E+00	6.80E-02
32	5.53E+03	9.71E+05	5.41E+04	1.14E+03	3.50E+01	1.39E+00	6.77E-02
33	3.35E+03	9.58E+05	5.42E+04	1.14E+03	3.57E+01	1.40E+00	6.72E-02
34	2.03E+03	9.31E+05	5.31E+04	1.12E+03	3.46E+01	1.38E+00	6.57E-02
35	1.23E+03	9.13E+05	5.21E+04	1.11E+03	3.45E+01	1.36E+00	6.44E-02
36	7.49E+02	9.03E+05	5.21E+04	1.13E+03	3.46E+01	1.36E+00	6.49E-02
37	4.54E+02	1.76E+06	1.03E+05	2.26E+03	6.71E+01	2.75E+00	1.29E-01
38	1.67E+02	1.71E+06	1.02E+05	2.26E+03	6.82E+01	2.72E+00	1.30E-01
39	6.14E+01	1.67E+06	1.01E+05	2.25E+03	6.87E+01	2.73E+00	1.29E-01
40	2.26E+01	1.62E+06	1.00E+05	2.24E+03	6.81E+01	2.74E+00	1.28E-01
41	8.32E+00	1.56E+06	9.77E+04	2.21E+03	6.69E+01	2.70E+00	1.29E-01
42	3.06E+00	1.48E+06	9.31E+04	2.14E+03	6.56E+01	2.62E+00	1.20E-01
43	1.13E+00	1.37E+06	8.77E+04	2.01E+03	6.13E+01	2.45E+00	1.15E-01
44	4.14E-01	1.53E+07	9.06E+05	2.04E+04	6.34E+02	2.50E+01	1.16E+00
	3.52E-04						
	Total	6.48E+07	3.34E+06	7.02E+04	2.18E+03	8.85E+01	4.26E+00