

Fluence-to-Effective Dose conversion coefficients (Sv.cm²) and relative statistical uncertainties (standard deviations) for different geometrical conditions of irradiation of an anthropomorphic phantom as a function of **neutron energy**

(A. Ferrari, M. Pelliccioni and M. Pillon, Fluence to Effective Dose Conversion Coefficients for Neutrons up to 10 TeV, Radiat. Prot. Dos., Vol. 71, No. 3, 165-173, 1997).

Energy (GeV)	AP		PA		LAT		ISO	
2.5 E-11	8.65 E-12	1.97%	5.56 E-12	4.36%	2.31 E-12	3.24%	3.61 E-12	3.00%
1.0 E-07	1.73 E-11	3.00%	1.18 E-11	2.78%	4.98 E-12	2.14%	7.28 E-12	3.37%
1.0 E-05	3.31 E-11	3.69%	2.72 E-11	4.66%	1.09 E-11	4.79%	1.50 E-11	4.50%
1.0 E-04	4.50 E-11	1.72%	3.53 E-11	3.64%	1.34 E-11	3.64%	1.91 E-11	1.81%
1.0 E-03	2.91 E-10	2.35%	1.67 E-10	2.29%	8.48 E-11	1.85%	1.26 E-10	2.84%
1.0 E-02	5.89 E-10	2.79%	4.83 E-10	3.75%	3.40 E-10	0.86%	3.93 E-10	3.11%
3.0 E-02	3.93 E-10	3.28%	3.82 E-10	2.31%	3.07 E-10	2.80%	3.15 E-10	3.44%
5.0 E-02	4.06 E-10	2.58%	4.12 E-10	2.07%	3.45 E-10	4.82%	3.48 E-10	3.36%
1.0 E-01	4.85 E-10	3.76%	4.79 E-10	3.02%	4.04 E-10	3.77%	4.06 E-10	2.45%
2.0 E-01	4.71 E-10	4.02%	5.24 E-10	2.31%	5.61 E-10	3.34%	5.58 E-10	3.80%
5.0 E-01	5.58 E-10	1.2%	6.79 E-10	3.94%	6.63 E-10	4.56%	6.95 E-10	3.05%
1.0 E+00	7.92 E-10	2.7%	8.74 E-10	2.15%	8.92 E-10	3.85%	8.86 E-10	2.57%
2.0 E+00	9.80 E-10	3.5%	1.02 E-09	1.64%	1.15 E-09	3.50%	1.16 E-09	3.13%
5.0 E+00	1.59 E-09	0.8%	1.88 E-09	1.64%	2.16 E-09	4.77%	2.01 E-09	3.49%
1.0 E+01	2.08 E-09	1.1%	2.47 E-09	2.02%	3.05 E-09	4.39%	3.01 E-09	4.82%
5.0 E+01	2.97 E-09	3.99%	3.65 E-09	1.95%	4.85 E-09	2.67%	4.98 E-09	2.74%
1.0 E+02	3.48 E-09	4.00%	4.33 E-09	1.64%	6.45 E-09	3.31%	6.92 E-09	3.71%
1.0 E+03	6.55 E-09	1.99%	8.45 E-09	2.05%	1.43 E-08	4.35%	1.67 E-08	3.72%
1.0 E+04	1.15 E-08	3.64%	1.78 E-08	2.32%	3.31 E-08	4.31%	3.67 E-08	4.69%