

**Fluence-to-Effective Dose conversion coefficients (Sv.cm<sup>2</sup>) and its statistical uncertainty for different irradiation geometries of an anthropomorphic phantom as a function of **photon** energy.**

(A. Ferrari, M. Pelliccioni and M. Pillon, Fluence to Effective Dose and Effective Dose Equivalent Conversion Coefficients for Photons from 50 keV to 10 GeV, Rad. Prot. Dos. 67, No. 4, 245-252, 1996; A. Ferrari, M. Pelliccioni and M. Pillon, High-energy Electron and Photon Radiation Protection Dosimetry, Health Physics of Radiation-Generating Machines, Proceedings of the 30th Midyear topical Meeting, 5-8 January 1997, San Jose', California, pag. 151-161)

Energy (GeV)	AP		PA		LAT		ISO	
	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty
0.00005	3.68E-13	2.24%	2.35E-13	3.68%	1.23E-13	2.73%	1.69E-13	4.22%
0.0001	5.13E-13	1.35%	4.00E-13	2.47%	2.28E-13	2.13%	2.75E-13	3.43%
0.0005	2.48E-12	1.41%	2.11E-12	2.11%	1.44E-12	1.23%	1.61E-12	3.16%
0.001	4.47E-12	2.41%	4.09E-12	2.70%	2.95E-12	3.08%	3.19E-12	4.49%
0.0015	6.13E-12	1.97%	5.54E-12	2.35%	4.34E-12	1.69%	4.69E-12	4.50%
0.002	7.47E-12	1.69%	6.92E-12	2.95%	5.62E-12	1.76%	5.97E-12	3.78%
0.003	9.94E-12	2.14%	9.28E-12	4.55%	7.77E-12	1.73%	8.11E-12	3.68%
0.004	1.22E-11	3.22%	1.13E-11	2.90%	9.66E-12	2.08%	1.03E-11	3.63%
0.005	1.36E-11	2.04%	1.32E-11	2.65%	1.14E-11	2.66%	1.18E-11	4.11%
0.006	1.52E-11	2.79%	1.50E-11	2.79%	1.33E-11	1.96%	1.37E-11	3.62%
0.008	1.82E-11	2.96%	1.83E-11	2.78%	1.66E-11	2.75%	1.66E-11	3.74%
0.01	2.16E-11	2.83%	2.23E-11	2.96%	1.96E-11	2.66%	2.00E-11	2.55%
0.02	3.44E-11	3.52%	3.66E-11	2.41%	3.47E-11	2.90%	3.48E-11	4.30%
0.03	4.54E-11	3.46%	5.06E-11	3.21%	4.80E-11	2.15%	4.88E-11	4.02%
0.04	5.22E-11	3.31%	5.75E-11	2.36%	6.21E-11	2.31%	5.92E-11	3.92%
0.05	5.55E-11	2.38%	6.72E-11	2.35%	7.37E-11	3.54%	6.89E-11	3.82%
0.1	7.06E-11	3.68%	8.91E-11	3.12%	1.19E-10	2.65%	1.00E-10	4.32%
0.2	8.16E-11	2.99%	1.06E-10	4.15%	1.51E-10	2.63%	1.40E-10	3.20%
0.5	9.37E-11	3.56%	1.21E-10	3.30%	1.90E-10	4.23%	1.81E-10	4.13%
1.0	1.03E-10	3.39%	1.32E-10	2.81%	2.14E-10	4.26%	2.01E-10	3.50%
2.0	1.05E-10	3.27%	1.40E-10	3.39%	2.43E-10	4.06%	2.35E-10	3.21%
5.0	1.07E-10	3.84%	1.46E-10	2.84%	2.69E-10	3.76%	2.64E-10	3.75%
10.0	1.10E-10	3.01%	1.49E-10	2.92%	2.81E-10	3.75%	2.93E-10	3.88%
50.0	1.17E-10	3.13%	1.54E-10	1.71%	3.18E-10	3.19%	3.68E-10	2.55%
100.0	1.19E-10	2.45%	1.60E-10	1.98%	3.31E-10	3.86%	4.14E-10	3.48%