

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 **positive muon energy**

(A. Ferrari, M. Pelliccioni and M. Pillon, Fluence to Effective Dose Conversion Coefficients for Muons, Radiat. Prot. Dos., Vol. 74, No. 4, 227-233, 1997).

Energy (GeV)	AP		PA		LAT		ISO	
1.0E-03	1.85E-10	1.7%	9.96E-11	2.1%	5.36E-11	1.5%	8.19E-11	1.7%
1.0E-02	2.55E-10	0.9%	1.12E-10	2.2%	7.68E-11	2.0%	1.07E-10	2.1%
2.0E-02	6.90E-10	1.3%	1.93E-10	1.6%	1.24E-10	1.7%	2.20E-10	3.3%
5.0E-02	8.48E-10	2.3%	8.45E-10	1.7%	4.00E-10	0.9%	4.64E-10	1.8%
1.0E-01	3.77E-10	0.7%	3.99E-10	1.6%	5.49E-10	1.2%	4.52E-10	2.4%
2.0E-01			3.29E-10	1.0%			3.38E-10	2.3%
5.0E-01			3.26E-10	0.9%	3.27E-10	3.0%	3.18E-10	1.2%
1.0E+00	3.32E-10	2.2%	3.36E-10	2.0%	3.33E-10	2.8%	3.28E-10	1.3%
2.0E+00			3.41E-10	0.9%			3.33E-10	3.1%
5.0E+00			3.41E-10	0.8%			3.47E-10	1.4%
1.0E+01	3.41E-10	1.7%	3.42E-10	1.2%	3.51E-10	2.4%	3.47E-10	1.1%
5.0E+01			3.54E-10	1.8%			3.55E-10	2.1%
1.0E+02	3.40E-10	1.1%	3.51E-10	3.1%	3.52E-10	0.8%	3.53E-10	1.1%
1.0E+03	3.48E-10	1.2%	3.50E-10	0.9%	3.55E-10	1.2%	3.58E-10	1.9%
1.0E+04	3.49E-10	1.2%	3.67E-10	2.5%	3.73E-10	0.7%	3.86E-10	1.6%

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 **negative muon energy**

(A. Ferrari, M. Pelliccioni and M. Pillon, Fluence to Effective Dose Conversion Coefficients for Muons, Radiat. Prot. Dos., Vol. 74, No. 4, 227-233, 1997).

Energy (GeV)	AP		PA		LAT		ISO	
1.0E-03	1.69E-10	1.1%	8.72E-11	2.1%	5.14E-11	1.9%	7.67E-11	2.6%
1.0E-02	2.31E-10	1.2%	1.03E-10	1.6%	6.96E-11	1.5%	1.03E-10	2.2%
2.0E-02	6.55E-10	2.0%	1.80E-10	1.3%	1.19E-10	1.3%	2.13E-10	1.9%
5.0E-02	7.95E-10	2.3%	8.47E-10	1.6%	3.89E-10	0.6%	4.47E-10	3.1%
1.0E-01	3.93E-10	1.0%	3.91E-10	0.9%	5.26E-10	1.9%	4.21E-10	0.9%
2.0E-01			3.27E-10	0.7%			3.33E-10	1.1%
5.0E-01			3.27E-10	1.7%	3.19E-10	0.8%	3.18E-10	1.2%
1.0E+00	3.33E-10	0.8%	3.32E-10	0.9%	3.32E-10	2.4%	3.29E-10	1.2%
2.0E+00			3.41E-10	2.0%			3.34E-10	1.5%
5.0E+00			3.49E-10	1.6%			3.47E-10	1.3%
1.0E+01	3.40E-10	1.6%	3.46E-10	0.8%	3.50E-10	2.7%	3.46E-10	1.1%
5.0E+01			3.50E-10	1.2%			3.55E-10	2.1%
1.0E+02	3.41E-10	1.9%	3.58E-10	1.9%	3.50E-10	0.8%	3.53E-10	1.1%
1.0E+03	3.50E-10	1.2%	3.51E-10	1.7%	3.54E-10	1.6%	3.58E-10	1.9%
1.0E+04	3.61E-10	1.0%	3.65E-10	1.2%	3.71E-10	0.6%	3.86E-10	1.6%