

Conversion coefficients from fluence to dose equivalent and effective quality factors in the ICRU sphere as a function of **positive muon energy.**

(M. Pelliccioni, Fluence to Dose Equivalent Conversion Data and Radiation Weighting Factors for High-energy Radiation, Radiat. Prot. Dosim. 77, 159-170 (1998)).

Positive muon energy (GeV)	H*(10)/Φ (Sv.cm ²)		HMAX/Φ (Sv.cm ²)		Q ₁₀	Q _{max}
1.0E-03	3.89E-10	2.8%	(3.14E-09)	0.6%	1.0	1.9
1.0E-02	5.79E-10	2.7%	(5.28E-09)	0.6%	1.0	1.4
5.0E-02	5.08E-10	1.1%	2.12E-09	0.7%	1.0	1.1
1.0E-01	3.61E-10	0.8%	9.52E-10	1.7%	1.0	1.0
2.0E-01	3.18E-10	0.9%	3.30E-10	1.4%	1.0	1.0
5.0E-01	3.08E-10	1.6%	3.25E-10	0.9%	1.0	1.0
1.0E+00	3.11E-10	0.8%	3.40E-10	1.8%	1.0	1.0
1.0E+01	3.20E-10	1.5%	3.69E-10	2.7%	1.0	1.0
1.0E+02	3.25E-10	1.0%	3.76E-10	1.0%	1.0	1.0
1.0E+03	3.13E-10	1.1%	3.85E-10	1.5%	1.0	1.0
1.0E+04	3.27E-10	0.4%	4.24E-10	0.7%	1.0	1.0

Conversion coefficients from fluence to dose equivalent and effective quality factors in the ICRU sphere as a function of **negative muon energy.**

(M. Pelliccioni, Fluence to Dose Equivalent Conversion Data and Radiation Weighting Factors for High-energy Radiation, Radiat. Prot. Dosim. 77, 159-170 (1998)).

Negative muon energy (GeV)	H*(10)/Φ (Sv.cm ²)		H _{MAX} /Φ (Sv.cm ²)		Q ₁₀	Q _{MAX}
1.0E-03	3.99E-10	4.7%	(6.37E-09)	1.7%	1.1	3.6
1.0E-02	5.60E-10	2.0%	(8.22E-09)	0.7%	1.1	2.0
5.0E-02	5.23E-10	4.9%	2.44E-09	1.9%	1.0	1.2
1.0E-01	3.63E-10	0.8%	9.47E-10	2.0%	1.0	1.0
2.0E-01	3.22E-10	0.4%	3.32E-10	1.1%	1.0	1.0
5.0E-01	3.08E-10	1.2%	3.26E-10	0.4%	1.0	1.0
1.0E+00	3.12E-10	0.7%	3.38E-10	2.5%	1.0	1.0
1.0E+01	3.20E-10	1.5%	3.71E-10	2.3%	1.0	1.0
1.0E+02	3.25E-10	1.0%	3.76E-10	1.0%	1.0	1.0
1.0E+03	3.17E-10	1.2%	3.89E-10	1.3%	1.0	1.0
1.0E+04	3.26E-10	0.5%	4.18E-10	1.1%	1.0	1.0