Table 202: Muons in Striated muscle (ICRU)

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.55005	1.040	74.7	0.08507	3.5383	0.2249	2.8032	3.4636	0.00

T	p [MeV/c]	Ionization	Brems	Pair prod	Photonucl	Total	CSDA range [g/cm^2]
		[MeV cm^2/g]					
10.0 MeV	4.704×10^1	7.897				7.897	6.998×10^{-1}
14.0 MeV	5.616×10^1	6.160				6.160	1.279×10^0
20.0 MeV	6.802×10^1	4.810				4.810	2.394×10^0
30.0 MeV	8.509×10^1	3.732				3.732	4.788×10^0
40.0 MeV	1.003×10^2	3.187				3.187	7.707×10^0
80.0 MeV	1.527×10^2	2.392				2.392	2.266×10^1
100. MeV	1.764×10^2	2.250				2.250	3.130×10^1
140. MeV	2.218×10^2	2.096				2.096	4.980×10^1
200. MeV	2.868×10^2	2.007				2.007	7.917×10^1
300. MeV	3.917×10^2	1.973			0.000	1.974	1.296×10^2
318. MeV	4.105×10^2	1.973			0.000	1.973	*Minimum ionization*
400. MeV	4.945×10^2	1.980			0.000	1.980	1.802×10^2
800. MeV	8.995×10^2	2.054	0.000		0.000	2.055	3.786×10^2
1.00 GeV	1.101×10^3	2.088	0.000		0.000	2.089	4.751×10^2
1.40 GeV	1.502×10^3	2.144	0.000		0.001	2.145	6.639×10^2
2.00 GeV	2.103×10^3	2.205	0.001	0.000	0.001	2.207	9.394×10^2
3.00 GeV	3.104×10^3	2.275	0.001	0.001	0.001	2.278	1.385×10^3
4.00 GeV	4.104×10^3	2.323	0.001	0.001	0.002	2.328	1.819×10^3
8.00 GeV	8.105×10^3	2.434	0.004	0.003	0.004	2.445	3.491×10^3
10.0 GeV	1.011×10^4	2.468	0.005	0.005	0.005	2.482	4.302×10^3
14.0 GeV	1.411×10^4	2.516	0.007	0.008	0.007	2.538	5.895×10^3
20.0 GeV	2.011×10^4	2.566	0.011	0.013	0.009	2.599	8.229×10^3
30.0 GeV	3.011×10^4	2.619	0.018	0.023	0.014	2.674	1.202×10^4
40.0 GeV	4.011×10^4	2.655	0.026	0.033	0.018	2.732	1.572×10^4
80.0 GeV	8.011×10^4	2.738	0.060	0.080	0.034	2.912	2.987×10^4
100. GeV	1.001×10^5	2.764	0.077	0.106	0.042	2.990	3.665×10^4
140. GeV	1.401×10^5	2.802	0.114	0.159	0.059	3.135	4.971×10^4
200. GeV	2.001×10^5	2.843	0.172	0.243	0.084	3.342	6.825×10^4
300. GeV	3.001×10^5	2.888	0.271	0.386	0.125	3.672	9.678×10^4
400. GeV	4.001×10^5	2.921	0.374	0.535	0.167	3.998	1.229×10^5
800. GeV	8.001×10^5	2.999	0.804	1.156	0.338	5.298	2.095×10^5
1.00 TeV	1.000×10^6	3.025	1.026	1.477	0.424	5.953	2.451×10^5
1.03 TeV	1.033×10^6	3.029	1.061	1.529	0.439	6.058	*Muon critical energy*
1.40 TeV	1.400×10^6	3.064	1.472	2.116	0.602	7.254	3.059×10^5
2.00 TeV	2.000×10^6	3.106	2.159	3.094	0.872	9.231	3.790×10^5
3.00 TeV	3.000×10^6	3.154	3.310	4.723	1.336	12.523	4.717×10^5
4.00 TeV	4.000×10^6	3.189	4.481	6.374	1.807	15.852	5.425×10^5
8.00 TeV	8.000×10^6	3.274	9.223	13.026	3.773	29.296	7.253×10^5
10.0 TeV	1.000×10^7	3.302	11.621	16.376	4.785	36.084	7.868×10^5
14.0 TeV	1.400×10^7	3.345	16.407	23.051	6.871	49.674	8.809×10^5
20.0 TeV	2.000×10^7	3.391	23.648	33.119	10.076	70.234	9.820×10^5
30.0 TeV	3.000×10^7	3.444	35.704	49.870	15.639	104.657	1.098×10^6
40.0 TeV	4.000×10^7	3.483	47.825	66.675	21.348	139.332	1.180×10^6
80.0 TeV	8.000×10^7	3.578	96.441	133.953	45.312	279.283	1.379×10^6
100. TeV	1.000×10^8	3.609	120.819	167.631	57.734	349.793	1.443×10^6