Table 275: Muons in Viton fluoroelastomer $(C_5H_2F8)_n$

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.48585	1.800	98.6	0.09965	3.4556	0.2106	2.7874	3.5943	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	6.725				6.725	8.240×10^{-1}
14.0 MeV	5.616×10^1	5.253				5.253	1.504×10^0
20.0 MeV	6.802×10^1	4.108				4.108	2.811×10^0
30.0 MeV	8.509×10^1	3.191				3.191	5.611×10^0
40.0 MeV	1.003×10^2	2.727				2.727	9.023×10^0
80.0 MeV	1.527×10^2	2.052				2.052	2.647×10^1
100. MeV	1.764×10^2	1.930				1.930	3.654×10^1
140. MeV	2.218×10^2	1.800				1.800	5.810×10^1
200. MeV	2.868×10^2	1.727				1.727	9.226×10^1
300. MeV	3.917×10^2	1.701			0.000	1.701	1.508×10^2
308. MeV	4.000×10^2	1.701			0.000	1.701	*Minimum ionization*
400. MeV	4.945×10^2	1.708			0.000	1.709	2.095×10^2
800. MeV	8.995×10^2	1.778	0.000		0.000	1.778	4.390×10^2
1.00 GeV	1.101×10^3	1.809	0.000		0.000	1.809	5.504×10^2
1.40 GeV	1.502×10^3	1.859	0.000	0.000	0.001	1.860	7.683×10^2
2.00 GeV	2.103×10^3	1.914	0.001	0.000	0.001	1.915	1.086×10^3
3.00 GeV	3.104×10^3	1.976	0.001	0.001	0.001	1.979	1.599×10^3
4.00 GeV	4.104×10^3	2.019	0.002	0.001	0.002	2.024	2.098×10^3
8.00 GeV	8.105×10^3	2.118	0.004	0.004	0.004	2.129	4.019×10^3
10.0 GeV	1.011×10^4	2.148	0.005	0.005	0.005	2.162	4.951×10^3
14.0 GeV	1.411×10^4	2.191	0.008	0.008	0.006	2.213	6.779×10^3
20.0 GeV	2.011×10^4	2.234	0.012	0.014	0.009	2.269	9.454×10^3
30.0 GeV	3.011×10^4	2.281	0.019	0.024	0.013	2.338	1.379×10^4
40.0 GeV	4.011×10^4	2.313	0.027	0.035	0.017	2.393	1.802×10^4
80.0 GeV	8.011×10^4	2.387	0.062	0.084	0.034	2.567	3.413×10^4
100. GeV	1.001×10^5	2.410	0.081	0.111	0.042	2.643	4.181×10^4
140. GeV	1.401×10^5	2.444	0.119	0.166	0.058	2.787	5.654×10^4
200. GeV	2.001×10^5	2.479	0.179	0.254	0.082	2.995	7.730×10^4
300. GeV	3.001×10^5	2.520	0.282	0.403	0.123	3.329	1.090×10^5
400. GeV	4.001×10^5	2.548	0.390	0.559	0.164	3.661	1.376×10^5
800. GeV	8.001×10^5	2.618	0.835	1.204	0.332	4.989	2.308×10^5
879. GeV	8.795×10^5	2.627	0.925	1.336	0.366	5.255	*Muon critical energy*
1.00 TeV	1.000×10^6	2.640	1.065	1.538	0.417	5.661	2.684×10^5
1.40 TeV	1.400×10^6	2.675	1.527	2.201	0.592	6.995	3.319×10^5
2.00 TeV	2.000×10^6	2.712	2.238	3.217	0.857	9.024	4.072×10^5
3.00 TeV	3.000×10^6	2.754	3.428	4.908	1.313	12.403	5.014×10^5
4.00 TeV	4.000×10^6	2.785	4.638	6.621	1.776	15.821	5.726×10^5
8.00 TeV	8.000×10^6	2.860	9.535	13.522	3.705	29.622	7.545×10^5
10.0 TeV	1.000×10^7	2.885	12.010	16.996	4.698	36.589	8.151×10^5
14.0 TeV	1.400×10^7	2.923	16.947	23.920	6.744	50.534	9.078×10^5
20.0 TeV	2.000×10^7	2.964	24.412	34.362	9.885	71.623	1.007×10^6
30.0 TeV	3.000×10^7	3.011	36.841	51.738	15.336	106.925	1.121×10^6
40.0 TeV	4.000×10^7	3.045	49.332	69.168	20.928	142.473	1.201×10^6
80.0 TeV	8.000×10^7	3.128	99.412	138.949	44.382	285.871	1.396×10^6
100. TeV	1.000×10^8	3.156	124.515	173.880	56.533	358.084	1.458×10^6