Table 178: Muons in n-Hexane C_6H_{14}

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.59020	0.660	54.0	0.11085	3.5027	0.1984	2.5757	3.2156	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	8.828				8.828	6.242×10^{-1}
14.0 MeV	5.616×10^1	6.876				6.876	1.143×10^0
20.0 MeV	6.802×10^1	5.362				5.362	2.143×10^0
30.0 MeV	8.509×10^1	4.154				4.154	4.291×10^0
40.0 MeV	1.003×10^2	3.543				3.543	6.915×10^0
80.0 MeV	1.527×10^2	2.654				2.654	2.038×10^1
100. MeV	1.764×10^2	2.491				2.491	2.817×10^1
140. MeV	2.218×10^2	2.317				2.317	4.491×10^1
200. MeV	2.868×10^2	2.216				2.216	7.149×10^1
300. MeV	3.917×10^2	2.175			0.000	2.175	1.172×10^2
328. MeV	4.211×10^2	2.174			0.000	2.174	*Minimum ionization*
400. MeV	4.945×10^2	2.179			0.000	2.179	1.631×10^2
800. MeV	8.995×10^2	2.255	0.000		0.000	2.255	3.436×10^2
1.00 GeV	1.101×10^3	2.290	0.000		0.000	2.291	4.316×10^2
1.40 GeV	1.502×10^3	2.348	0.000		0.001	2.349	6.039×10^2
2.00 GeV	2.103×10^3	2.412	0.000	0.000	0.001	2.413	8.558×10^2
3.00 GeV	3.104×10^3	2.484	0.001	0.000	0.001	2.487	1.264×10^3
4.00 GeV	4.104×10^3	2.535	0.001	0.001	0.002	2.539	1.661×10^3
8.00 GeV	8.105×10^3	2.651	0.003	0.003	0.004	2.660	3.196×10^3
10.0 GeV	1.011×10^4	2.686	0.004	0.004	0.005	2.699	3.942×10^3
14.0 GeV	1.411×10^4	2.738	0.006	0.006	0.007	2.756	5.408×10^3
20.0 GeV	2.011×10^4	2.790	0.009	0.010	0.009	2.818	7.559×10^3
30.0 GeV	3.011×10^4	2.846	0.014	0.018	0.014	2.892	1.106×10^4
40.0 GeV	4.011×10^4	2.885	0.020	0.026	0.018	2.950	1.448×10^4
80.0 GeV	8.011×10^4	2.974	0.047	0.063	0.035	3.119	2.765×10^4
100. GeV	1.001×10^5	3.002	0.061	0.083	0.043	3.189	3.399×10^4
140. GeV	1.401×10^5	3.043	0.090	0.125	0.060	3.318	4.628×10^4
200. GeV	2.001×10^5	3.087	0.135	0.191	0.085	3.499	6.388×10^4
300. GeV	3.001×10^5	3.136	0.214	0.305	0.128	3.782	9.136×10^4
400. GeV	4.001×10^5	3.170	0.296	0.423	0.170	4.060	1.169×10^5
800. GeV	8.001×10^5	3.255	0.639	0.917	0.343	5.154	2.041×10^5
1.00 TeV	1.000×10^6	3.282	0.816	1.173	0.431	5.703	2.410×10^5
1.34 TeV	1.344×10^6	3.319	1.122	1.610	0.586	6.638	*Muon critical energy*
1.40 TeV	1.400×10^6	3.324	1.173	1.683	0.612	6.792	3.052×10^5
2.00 TeV	2.000×10^6	3.369	1.723	2.465	0.886	8.443	3.843×10^5
3.00 TeV	3.000×10^6	3.421	2.646	3.768	1.358	11.193	4.868×10^5
4.00 TeV	4.000×10^6	3.458	3.586	5.091	1.838	13.973	5.666×10^5
8.00 TeV	8.000×10^6	3.549	7.398	10.421	3.839	25.208	7.768×10^5
10.0 TeV	1.000×10^7	3.580	9.329	13.106	4.871	30.885	8.484×10^5
14.0 TeV	1.400×10^7	3.625	13.183	18.456	6.997	42.261	9.586×10^5
20.0 TeV	2.000×10^7	3.675	19.017	26.527	10.266	59.486	1.078×10^6
30.0 TeV	3.000×10^7	3.732	28.736	39.953	15.944	88.366	1.215×10^6
40.0 TeV	4.000×10^7	3.773	38.512	53.425	21.774	117.486	1.313×10^6
80.0 TeV	8.000×10^7	3.875	77.713	107.361	46.269	235.219	1.549×10^6
100. TeV	1.000×10^8	3.909	97.367	134.363	58.976	294.615	1.625×10^6