Table 240: Muons in n-propyl alcohol (C_3H_7OH)

$\langle Z/A\rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.56577	0.803	61.1	0.09644	3.5415	0.2046	2.6681	3.2915	0.00

T	p [MeV/c]	Ionization	Brems	Pair prod [MeV cm^2/g]	Photonucl	Total	CSDA range [g/cm^2]
10.0 MeV	4.704×10^1	8.333				8.333	6.620×10^{-1}
14.0 MeV	5.616×10^1	6.494				6.494	1.211×10^0
20.0 MeV	6.802×10^1	5.067				5.067	2.270×10^0
30.0 MeV	8.509×10^1	3.927				3.927	4.543×10^0
40.0 MeV	1.003×10^2	3.351				3.351	7.317×10^0
80.0 MeV	1.527×10^2	2.512				2.512	2.154×10^1
100. MeV	1.764×10^2	2.359				2.359	2.978×10^1
140. MeV	2.218×10^2	2.196				2.196	4.744×10^1
200. MeV	2.868×10^2	2.101				2.101	7.548×10^1
300. MeV	3.917×10^2	2.063			0.000	2.063	1.237×10^2
324. MeV	4.161×10^2	2.062			0.000	2.063	*Minimum ionization*
400. MeV	4.945×10^2	2.068			0.000	2.068	1.721×10^2
800. MeV	8.995×10^2	2.142	0.000		0.000	2.143	3.622×10^2
1.00 GeV	1.101×10^3	2.176	0.000		0.000	2.177	4.548×10^2
1.40 GeV	1.502×10^3	2.232	0.000		0.001	2.233	6.360×10^2
2.00 GeV	2.103×10^3	2.294	0.000	0.000	0.001	2.296	9.008×10^2
3.00 GeV	3.104×10^3	2.364	0.001	0.001	0.001	2.367	1.329×10^3
4.00 GeV	4.104×10^3	2.413	0.001	0.001	0.002	2.417	1.747×10^3
8.00 GeV	8.105×10^3	2.525	0.003	0.003	0.004	2.535	3.358×10^3
10.0 GeV	1.011×10^4	2.560	0.004	0.004	0.005	2.573	4.141×10^3
14.0 GeV	1.411×10^4	2.609	0.006	0.007	0.007	2.629	5.678×10^3
20.0 GeV	2.011×10^4	2.659	0.010	0.011	0.009	2.689	7.933×10^3
30.0 GeV	3.011×10^4	2.714	0.016	0.019	0.014	2.763	1.160×10^4
40.0 GeV	4.011×10^4	2.751	0.022	0.028	0.018	2.820	1.518×10^4
80.0 GeV	8.011×10^4	2.836	0.051	0.069	0.035	2.991	2.893×10^4
100. GeV	1.001×10^5	2.863	0.066	0.091	0.043	3.063	3.554×10^4
140. GeV	1.401×10^5	2.902	0.098	0.136	0.060	3.197	4.832×10^4
200. GeV	2.001×10^5	2.944	0.148	0.209	0.085	3.386	6.655×10^4
300. GeV	3.001×10^5	2.991	0.234	0.332	0.127	3.684	9.485×10^4
400. GeV	4.001×10^5	3.024	0.323	0.461	0.169	3.977	1.210×10^5
800. GeV	8.001×10^5	3.105	0.695	0.999	0.341	5.140	2.092×10^5
1.00 TeV	1.000×10^6	3.131	0.887	1.277	0.428	5.724	2.460×10^5
1.20 TeV	1.202×10^6	3.153	1.081	1.554	0.518	6.307	*Muon critical energy*
1.40 TeV	1.400×10^6	3.172	1.275	1.830	0.608	6.884	3.097×10^5
2.00 TeV	2.000×10^6	3.215	1.871	2.679	0.880	8.645	3.873×10^5
3.00 TeV	3.000×10^6	3.264	2.871	4.093	1.348	11.577	4.869×10^5
4.00 TeV	4.000×10^6	3.300	3.889	5.527	1.825	14.542	5.639×10^5
8.00 TeV	8.000×10^6	3.388	8.016	11.306	3.811	26.521	7.646×10^5
10.0 TeV	1.000×10^7	3.416	10.105	14.218	4.834	32.573	8.325×10^5
14.0 TeV	1.400×10^7	3.461	14.273	20.017	6.943	44.695	9.370×10^5
20.0 TeV	2.000×10^7	3.508	20.583	28.767	10.185	63.044	1.049×10^6
30.0 TeV	3.000×10^7	3.563	31.090	43.324	15.815	93.792	1.179×10^6
40.0 TeV	4.000×10^7	3.602	41.658	57.928	21.595	124.784	1.271×10^6
80.0 TeV	8.000×10^7	3.700	84.035	116.398	45.867	250.001	1.493×10^6
100. TeV	1.000×10^8	3.732	105.282	145.669	58.455	313.138	1.564×10^6