Table 229: Muons in Polyvinylacetate $[CH_2CHOCOCH_3]_n$

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.53432	1.190	73.7	0.11442	3.3762	0.1769	2.6747	3.3309	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	7.684				7.684	7.191×10^{-1}
14.0 MeV	5.616×10^1	5.993				5.994	1.315×10^0
20.0 MeV	6.802×10^1	4.680				4.680	2.461×10^0
30.0 MeV	8.509×10^1	3.631				3.631	4.921×10^0
40.0 MeV	1.003×10^2	3.100				3.100	7.921×10^0
80.0 MeV	1.527×10^2	2.327				2.327	2.329×10^1
100. MeV	1.764×10^2	2.182				2.182	3.218×10^1
140. MeV	2.218×10^2	2.032				2.032	5.127×10^1
200. MeV	2.868×10^2	1.945				1.945	8.157×10^1
300. MeV	3.917×10^2	1.912			0.000	1.912	1.336×10^2
318. MeV	4.105×10^2	1.911			0.000	1.912	*Minimum ionization*
400. MeV	4.945×10^2	1.918			0.000	1.918	1.858×10^2
800. MeV	8.995×10^2	1.990	0.000		0.000	1.990	3.906×10^2
1.00 GeV	1.101×10^3	2.023	0.000		0.000	2.023	4.903×10^2
1.40 GeV	1.502×10^3	2.076	0.000		0.001	2.077	6.853×10^2
2.00 GeV	2.103×10^3	2.135	0.001	0.000	0.001	2.137	9.698×10^2
3.00 GeV	3.104×10^3	2.203	0.001	0.001	0.001	2.206	1.430×10^3
4.00 GeV	4.104×10^3	2.249	0.001	0.001	0.002	2.254	1.878×10^3
8.00 GeV	8.105×10^3	2.357	0.003	0.003	0.004	2.367	3.605×10^3
10.0 GeV	1.011×10^4	2.389	0.004	0.004	0.005	2.403	4.443×10^3
14.0 GeV	1.411×10^4	2.436	0.007	0.007	0.007	2.457	6.089×10^3
20.0 GeV	2.011×10^4	2.484	0.010	0.012	0.009	2.515	8.501×10^3
30.0 GeV	3.011×10^4	2.535	0.017	0.020	0.014	2.586	1.242×10^4
40.0 GeV	4.011×10^4	2.570	0.024	0.030	0.018	2.642	1.624×10^4
80.0 GeV	8.011×10^4	2.651	0.054	0.073	0.034	2.812	3.089×10^4
100. GeV	1.001×10^5	2.676	0.070	0.096	0.043	2.885	3.791×10^4
140. GeV	1.401×10^5	2.714	0.104	0.144	0.059	3.020	5.146×10^4
200. GeV	2.001×10^5	2.753	0.156	0.221	0.084	3.213	7.071×10^4
300. GeV	3.001×10^5	2.797	0.246	0.351	0.126	3.520	1.004×10^5
400. GeV	4.001×10^5	2.829	0.340	0.486	0.167	3.822	1.277×10^5
800. GeV	8.001×10^5	2.905	0.730	1.051	0.338	5.025	2.187×10^5
1.00 TeV	1.000×10^6	2.930	0.932	1.344	0.425	5.631	2.562×10^5
1.08 TeV	1.083×10^6	2.939	1.015	1.462	0.461	5.878	*Muon critical energy*
1.40 TeV	1.400×10^6	2.968	1.339	1.925	0.603	6.834	3.206×10^5
2.00 TeV	2.000×10^6	3.008	1.964	2.816	0.873	8.661	3.985×10^5
3.00 TeV	3.000×10^6	3.055	3.011	4.301	1.337	11.705	4.974×10^5
4.00 TeV	4.000×10^6	3.089	4.078	5.806	1.810	14.783	5.733×10^5
8.00 TeV	8.000×10^6	3.172	8.396	11.870	3.778	27.216	7.697×10^5
10.0 TeV	1.000×10^7	3.199	10.580	14.924	4.792	33.496	8.359×10^5
14.0 TeV	1.400×10^7	3.241	14.938	21.010	6.882	46.072	9.373×10^5
20.0 TeV	2.000×10^7	3.285	21.533	30.190	10.093	65.101	1.046×10^6
30.0 TeV	3.000×10^7	3.337	32.513	45.464	15.667	96.981	1.171×10^6
40.0 TeV	4.000×10^7	3.375	43.554	60.787	21.388	129.104	1.260×10^6
80.0 TeV	8.000×10^7	3.467	87.817	122.134	45.404	258.822	1.475×10^6
100. TeV	1.000×10^8	3.497	110.006	152.844	57.854	324.202	1.544×10^6