Muons in polyoxymethylene [$(CH_2O)_n$]

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.53287	1.425	77.4	0.10808	3.4002	0.1584	2.6838	3.2514	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	7.615				7.615	7.260×10^{-1}
14.0 MeV	5.616×10^1	5.941				5.941	1.327×10^0
20.0 MeV	6.802×10^1	4.640				4.640	2.483×10^0
30.0 MeV	8.509×10^1	3.600				3.600	4.964×10^0
40.0 MeV	1.003×10^2	3.075				3.075	7.989×10^0
80.0 MeV	1.527×10^2	2.309				2.309	2.348×10^1
100. MeV	1.764×10^2	2.163				2.163	3.245×10^1
140. MeV	2.218×10^2	2.013				2.013	5.172×10^1
200. MeV	2.868×10^2	1.927				1.927	8.229×10^1
300. MeV	3.917×10^2	1.894			0.000	1.894	1.348×10^2
318. MeV	4.105×10^2	1.894			0.000	1.894	*Minimum ionization*
400. MeV	4.945×10^2	1.900			0.000	1.900	1.875×10^2
800. MeV	8.995×10^2	1.971	0.000		0.000	1.972	3.943×10^2
1.00 GeV	1.101×10^3	2.004	0.000		0.000	2.005	4.948×10^2
1.40 GeV	1.502×10^3	2.057	0.000		0.001	2.058	6.916×10^2
2.00 GeV	2.103×10^3	2.116	0.001	0.000	0.001	2.118	9.788×10^2
3.00 GeV	3.104×10^3	2.183	0.001	0.001	0.001	2.186	1.443×10^3
4.00 GeV	4.104×10^3	2.229	0.001	0.001	0.002	2.234	1.895×10^3
8.00 GeV	8.105×10^3	2.336	0.003	0.003	0.004	2.346	3.637×10^3
10.0 GeV	1.011×10^4	2.368	0.004	0.004	0.005	2.382	4.483×10^3
14.0 GeV	1.411×10^4	2.415	0.007	0.007	0.007	2.436	6.143×10^3
20.0 GeV	2.011×10^4	2.463	0.011	0.012	0.009	2.495	8.575×10^3
30.0 GeV	3.011×10^4	2.514	0.017	0.021	0.013	2.566	1.252×10^4
40.0 GeV	4.011×10^4	2.549	0.025	0.031	0.018	2.623	1.638×10^4
80.0 GeV	8.011×10^4	2.629	0.056	0.076	0.034	2.796	3.112×10^4
100. GeV	1.001×10^5	2.654	0.073	0.100	0.042	2.870	3.818×10^4
140. GeV	1.401×10^5	2.692	0.108	0.150	0.059	3.009	5.179×10^4
200. GeV	2.001×10^5	2.731	0.163	0.230	0.084	3.207	7.110×10^4
300. GeV	3.001×10^5	2.775	0.257	0.365	0.125	3.523	1.008×10^5
400. GeV	4.001×10^5	2.806	0.354	0.507	0.167	3.834	1.280×10^5
800. GeV	8.001×10^5	2.883	0.761	1.095	0.337	5.076	2.184×10^5
1.00 TeV	1.000×10^6	2.907	0.971	1.399	0.424	5.701	2.556×10^5
1.04 TeV	1.040×10^6	2.912	1.012	1.458	0.441	5.824	*Muon critical energy*
1.40 TeV	1.400×10^6	2.945	1.394	2.004	0.601	6.944	3.190×10^5
2.00 TeV	2.000×10^6	2.986	2.044	2.931	0.870	8.831	3.955×10^5
3.00 TeV	3.000×10^6	3.032	3.133	4.475	1.334	11.974	4.924×10^5
4.00 TeV	4.000×10^6	3.066	4.242	6.040	1.805	15.153	5.665×10^5
8.00 TeV	8.000×10^6	3.149	8.731	12.346	3.767	27.993	7.578×10^5
10.0 TeV	1.000×10^7	3.176	11.002	15.522	4.778	34.478	8.220×10^5
14.0 TeV	1.400×10^7	3.217	15.533	21.850	6.861	47.461	9.205×10^5
20.0 TeV	2.000×10^7	3.262	22.387	31.395	10.061	67.105	1.026×10^6
30.0 TeV	3.000×10^7	3.314	33.800	47.276	15.616	100.006	1.148×10^6
40.0 TeV	4.000×10^7	3.351	45.274	63.209	21.318	133.151	1.234×10^6
80.0 TeV	8.000×10^7	3.443	91.282	126.994	45.246	266.965	1.442×10^6
100. TeV	1.000×10^8	3.473	114.348	158.924	57.650	334.395	1.509×10^6