Table 210: Muons in Nylon type 6/10 $[CH(CH_2)_7NO]_n$

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.55236	1.140	63.2	0.11852	3.3912	0.1304	2.5681	3.0333	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	8.101				8.101	6.811×10^{-1}
14.0 MeV	5.616×10^1	6.314				6.314	1.246×10^0
20.0 MeV	6.802×10^1	4.927				4.927	2.334×10^0
30.0 MeV	8.509×10^1	3.820				3.820	4.672×10^0
40.0 MeV	1.003×10^2	3.260				3.260	7.525×10^0
80.0 MeV	1.527×10^2	2.440				2.440	2.215×10^1
100. MeV	1.764×10^2	2.283				2.284	3.065×10^1
140. MeV	2.218×10^2	2.124				2.124	4.890×10^1
200. MeV	2.868×10^2	2.030				2.031	7.791×10^1
300. MeV	3.917×10^2	1.993			0.000	1.993	1.278×10^2
328. MeV	4.201×10^2	1.992			0.000	1.992	*Minimum ionization*
400. MeV	4.945×10^2	1.997			0.000	1.997	1.779×10^2
800. MeV	8.995×10^2	2.068	0.000		0.000	2.068	3.748×10^2
1.00 GeV	1.101×10^3	2.101	0.000		0.000	2.102	4.707×10^2
1.40 GeV	1.502×10^3	2.155	0.000		0.001	2.156	6.585×10^2
2.00 GeV	2.103×10^3	2.214	0.000	0.000	0.001	2.216	9.328×10^2
3.00 GeV	3.104×10^3	2.282	0.001	0.001	0.001	2.285	1.377×10^3
4.00 GeV	4.104×10^3	2.330	0.001	0.001	0.002	2.334	1.809×10^3
8.00 GeV	8.105×10^3	2.439	0.003	0.003	0.004	2.448	3.478×10^3
10.0 GeV	1.011×10^4	2.472	0.004	0.004	0.005	2.485	4.288×10^3
14.0 GeV	1.411×10^4	2.520	0.006	0.006	0.007	2.539	5.880×10^3
20.0 GeV	2.011×10^4	2.569	0.009	0.011	0.009	2.599	8.214×10^3
30.0 GeV	3.011×10^4	2.622	0.016	0.019	0.014	2.670	1.201×10^4
40.0 GeV	4.011×10^4	2.658	0.022	0.028	0.018	2.726	1.571×10^4
80.0 GeV	8.011×10^4	2.741	0.050	0.068	0.035	2.894	2.993×10^4
100. GeV	1.001×10^5	2.767	0.065	0.089	0.043	2.965	3.676×10^4
140. GeV	1.401×10^5	2.806	0.096	0.134	0.060	3.096	4.995×10^4
200. GeV	2.001×10^5	2.847	0.145	0.205	0.084	3.282	6.877×10^4
300. GeV	3.001×10^5	2.892	0.230	0.327	0.126	3.576	9.794×10^4
400. GeV	4.001×10^5	2.925	0.317	0.454	0.169	3.865	1.248×10^5
800. GeV	8.001×10^5	3.004	0.683	0.982	0.340	5.010	2.155×10^5
1.00 TeV	1.000×10^6	3.030	0.872	1.256	0.428	5.585	2.533×10^5
1.18 TeV	1.180×10^6	3.049	1.042	1.499	0.508	6.098	*Muon critical energy*
1.40 TeV	1.400×10^6	3.069	1.253	1.800	0.607	6.729	3.184×10^5
2.00 TeV	2.000×10^6	3.111	1.839	2.635	0.879	8.464	3.978×10^5
3.00 TeV	3.000×10^6	3.159	2.821	4.026	1.347	11.353	4.995×10^5
4.00 TeV	4.000×10^6	3.194	3.822	5.436	1.823	14.275	5.779×10^5
8.00 TeV	8.000×10^6	3.280	7.876	11.120	3.806	26.083	7.821×10^5
10.0 TeV	1.000×10^7	3.308	9.928	13.984	4.828	32.048	8.512×10^5
14.0 TeV	1.400×10^7	3.351	14.023	19.688	6.934	43.997	9.573×10^5
20.0 TeV	2.000×10^7	3.397	20.220	28.295	10.171	62.083	1.072×10^6
30.0 TeV	3.000×10^7	3.451	30.540	42.612	15.792	92.396	1.203×10^6
40.0 TeV	4.000×10^7	3.489	40.919	56.977	21.563	122.949	1.296×10^6
80.0 TeV	8.000×10^7	3.585	82.531	114.488	45.796	246.401	1.522×10^6
100. TeV	1.000×10^8	3.616	103.393	143.279	58.363	308.651	1.594×10^6