Table 300: Muons in Sodium chloride (NaCl)

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.55509	2.170	175.3	0.15962	3.0000	0.2000	3.0000	4.4250	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	7.090				7.090	7.865×10^{-1}
14.0 MeV	5.616×10^1	5.556				5.556	1.430×10^0
20.0 MeV	6.802×10^1	4.358				4.358	2.663×10^0
30.0 MeV	8.509×10^1	3.396				3.396	5.298×10^0
40.0 MeV	1.003×10^2	2.909				2.909	8.500×10^0
80.0 MeV	1.527×10^2	2.199				2.199	2.481×10^1
100. MeV	1.764×10^2	2.071				2.071	3.420×10^1
140. MeV	2.218×10^2	1.938				1.938	5.426×10^1
200. MeV	2.868×10^2	1.867				1.867	8.592×10^1
283. MeV	3.738×10^2	1.847			0.000	1.847	*Minimum ionization*
300. MeV	3.917×10^2	1.847			0.000	1.848	1.399×10^2
400. MeV	4.945×10^2	1.862			0.000	1.862	1.939×10^2
800. MeV	8.995×10^2	1.954	0.000		0.000	1.955	4.034×10^2
1.00 GeV	1.101×10^3	1.994	0.000		0.000	1.994	5.047×10^2
1.40 GeV	1.502×10^3	2.057	0.001	0.000	0.001	2.058	7.020×10^2
2.00 GeV	2.103×10^3	2.125	0.001	0.001	0.001	2.128	9.884×10^2
3.00 GeV	3.104×10^3	2.203	0.002	0.001	0.001	2.208	1.449×10^3
4.00 GeV	4.104×10^3	2.257	0.003	0.002	0.002	2.264	1.896×10^3
8.00 GeV	8.105×10^3	2.379	0.006	0.006	0.004	2.396	3.608×10^3
10.0 GeV	1.011×10^4	2.416	0.008	0.009	0.005	2.438	4.435×10^3
14.0 GeV	1.411×10^4	2.469	0.013	0.014	0.006	2.502	6.054×10^3
20.0 GeV	2.011×10^4	2.521	0.020	0.023	0.009	2.573	8.416×10^3
30.0 GeV	3.011×10^4	2.577	0.033	0.040	0.013	2.663	1.223×10^4
40.0 GeV	4.011×10^4	2.615	0.046	0.059	0.017	2.737	1.594×10^4
80.0 GeV	8.011×10^4	2.700	0.105	0.142	0.032	2.979	2.992×10^4
100. GeV	1.001×10^5	2.726	0.136	0.187	0.040	3.089	3.651×10^4
140. GeV	1.401×10^5	2.765	0.200	0.280	0.056	3.301	4.903×10^4
200. GeV	2.001×10^5	2.805	0.300	0.428	0.079	3.612	6.640×10^4
300. GeV	3.001×10^5	2.851	0.471	0.676	0.119	4.118	9.231×10^4
400. GeV	4.001×10^5	2.884	0.649	0.934	0.159	4.626	1.152×10^5
646. GeV	6.457×10^5	2.939	1.097	1.584	0.257	5.878	*Muon critical energy*
800. GeV	8.001×10^5	2.963	1.385	2.000	0.320	6.669	1.868×10^5
1.00 TeV	1.000×10^6	2.989	1.765	2.547	0.403	7.704	2.147×10^5
1.40 TeV	1.400×10^6	3.029	2.527	3.639	0.571	9.766	2.607×10^5
2.00 TeV	2.000×10^6	3.071	3.696	5.308	0.826	12.902	3.140×10^5
3.00 TeV	3.000×10^6	3.120	5.652	8.083	1.265	18.120	3.791×10^5
4.00 TeV	4.000×10^6	3.155	7.638	10.893	1.711	23.396	4.276×10^5
8.00 TeV	8.000×10^6	3.241	15.660	22.198	3.565	44.664	5.492×10^5
10.0 TeV	1.000×10^7	3.269	19.710	27.887	4.519	55.385	5.894×10^5
14.0 TeV	1.400×10^7	3.312	27.796	39.227	6.480	76.816	6.504×10^5
20.0 TeV	2.000×10^7	3.359	40.015	56.319	9.491	109.184	7.156×10^5
30.0 TeV	3.000×10^7	3.413	60.331	84.772	14.707	163.223	7.900×10^5
40.0 TeV	4.000×10^7	3.451	80.733	113.306	20.056	217.546	8.429×10^5
80.0 TeV	8.000×10^7	3.547	162.536	227.526	42.447	436.056	9.703×10^5
100. TeV	1.000×10^8	3.579	203.536	284.696	54.034	545.845	1.011×10^6