Table 247: Muons in Silver chloride AgCl

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.44655	5.560	398.4	0.22968	2.7041	−0.0139	3.2022	5.3437	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	5.023				5.023	1.123×10^0
14.0 MeV	5.616×10^1	3.959				3.959	2.029×10^0
20.0 MeV	6.802×10^1	3.122				3.122	3.754×10^0
30.0 MeV	8.509×10^1	2.446				2.446	7.422×10^0
40.0 MeV	1.003×10^2	2.102				2.103	1.186×10^1
80.0 MeV	1.527×10^2	1.598				1.598	3.434×10^1
100. MeV	1.764×10^2	1.507				1.508	4.726×10^1
140. MeV	2.218×10^2	1.419				1.419	7.474×10^1
200. MeV	2.868×10^2	1.375				1.375	1.178×10^2
256. MeV	3.462×10^2	1.367			0.000	1.367	*Minimum ionization*
300. MeV	3.917×10^2	1.370	0.000		0.000	1.370	1.909×10^2
400. MeV	4.945×10^2	1.388	0.000		0.000	1.388	2.634×10^2
800. MeV	8.995×10^2	1.473	0.001		0.000	1.474	5.427×10^2
1.00 GeV	1.101×10^3	1.508	0.001		0.000	1.510	6.767×10^2
1.40 GeV	1.502×10^3	1.564	0.001	0.000	0.001	1.566	9.367×10^2
2.00 GeV	2.103×10^3	1.624	0.002	0.001	0.001	1.628	1.312×10^3
3.00 GeV	3.104×10^3	1.692	0.004	0.003	0.001	1.700	1.912×10^3
4.00 GeV	4.104×10^3	1.739	0.006	0.005	0.002	1.752	2.491×10^3
8.00 GeV	8.105×10^3	1.846	0.014	0.014	0.003	1.879	4.687×10^3
10.0 GeV	1.011×10^4	1.878	0.019	0.020	0.004	1.922	5.739×10^3
14.0 GeV	1.411×10^4	1.924	0.029	0.032	0.006	1.992	7.783×10^3
20.0 GeV	2.011×10^4	1.970	0.045	0.052	0.008	2.076	1.073×10^4
30.0 GeV	3.011×10^4	2.018	0.074	0.091	0.012	2.195	1.541×10^4
40.0 GeV	4.011×10^4	2.050	0.104	0.133	0.015	2.304	1.986×10^4
80.0 GeV	8.011×10^4	2.121	0.236	0.319	0.030	2.707	3.585×10^4
100. GeV	1.001×10^5	2.143	0.306	0.419	0.037	2.905	4.298×10^4
140. GeV	1.401×10^5	2.174	0.449	0.625	0.052	3.301	5.589×10^4
200. GeV	2.001×10^5	2.207	0.673	0.952	0.074	3.906	7.258×10^4
255. GeV	2.556×10^5	2.230	0.883	1.252	0.094	4.460	*Muon critical energy*
300. GeV	3.001×10^5	2.244	1.056	1.499	0.111	4.910	9.537×10^4
400. GeV	4.001×10^5	2.271	1.452	2.066	0.147	5.936	1.139×10^5
800. GeV	8.001×10^5	2.334	3.087	4.391	0.298	10.112	1.649×10^5
1.00 TeV	1.000×10^6	2.355	3.928	5.582	0.375	12.241	1.829×10^5
1.40 TeV	1.400×10^6	2.387	5.614	7.957	0.531	16.490	2.109×10^5
2.00 TeV	2.000×10^6	2.421	8.195	11.583	0.768	22.968	2.416×10^5
3.00 TeV	3.000×10^6	2.460	12.504	17.610	1.174	33.749	2.774×10^5
4.00 TeV	4.000×10^6	2.488	16.872	23.701	1.587	44.650	3.030×10^5
8.00 TeV	8.000×10^6	2.557	34.491	48.194	3.300	88.544	3.654×10^5
10.0 TeV	1.000×10^7	2.580	43.373	60.508	4.180	110.642	3.856×10^5
14.0 TeV	1.400×10^7	2.615	61.091	85.073	5.988	154.768	4.160×10^5
20.0 TeV	2.000×10^7	2.652	87.831	122.082	8.759	221.325	4.483×10^5
30.0 TeV	3.000×10^7	2.696	132.339	183.665	13.551	332.252	4.849×10^5
40.0 TeV	4.000×10^7	2.727	177.014	245.400	18.458	443.600	5.109×10^5
80.0 TeV	8.000×10^7	2.804	356.006	492.508	38.961	890.280	5.733×10^5
100. TeV	1.000×10^8	2.829	445.665	616.178	49.554	1114.227	5.933×10^5