Table 249: Muons in Silver iodide AgI

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.42594	6.010	543.5	0.25059	2.6572	0.0148	3.2908	5.9342	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	4.546				4.546	1.248×10^0
14.0 MeV	5.616×10^1	3.592				3.592	2.247×10^0
20.0 MeV	6.802×10^1	2.839				2.839	4.146×10^0
30.0 MeV	8.509×10^1	2.230				2.230	8.173×10^0
40.0 MeV	1.003×10^2	1.920				1.920	1.304×10^1
80.0 MeV	1.527×10^2	1.468				1.468	3.758×10^1
100. MeV	1.764×10^2	1.388				1.388	5.162×10^1
140. MeV	2.218×10^2	1.311				1.311	8.141×10^1
200. MeV	2.868×10^2	1.274				1.274	1.280×10^2
242. MeV	3.316×10^2	1.269				1.270	*Minimum ionization*
300. MeV	3.917×10^2	1.274	0.000		0.000	1.274	2.067×10^2
400. MeV	4.945×10^2	1.294	0.000		0.000	1.294	2.846×10^2
800. MeV	8.995×10^2	1.381	0.001		0.000	1.382	5.833×10^2
1.00 GeV	1.101×10^3	1.415	0.001		0.000	1.417	7.262×10^2
1.40 GeV	1.502×10^3	1.471	0.002	0.000	0.001	1.473	1.003×10^3
2.00 GeV	2.103×10^3	1.530	0.003	0.001	0.001	1.535	1.401×10^3
3.00 GeV	3.104×10^3	1.598	0.005	0.003	0.001	1.607	2.037×10^3
4.00 GeV	4.104×10^3	1.645	0.007	0.005	0.002	1.659	2.649×10^3
8.00 GeV	8.105×10^3	1.750	0.017	0.017	0.003	1.788	4.962×10^3
10.0 GeV	1.011×10^4	1.782	0.023	0.024	0.004	1.833	6.066×10^3
14.0 GeV	1.411×10^4	1.827	0.035	0.038	0.005	1.907	8.204×10^3
20.0 GeV	2.011×10^4	1.872	0.054	0.062	0.008	1.997	1.128×10^4
30.0 GeV	3.011×10^4	1.920	0.089	0.109	0.011	2.130	1.612×10^4
40.0 GeV	4.011×10^4	1.951	0.126	0.159	0.015	2.252	2.069×10^4
80.0 GeV	8.011×10^4	2.021	0.284	0.382	0.029	2.717	3.682×10^4
100. GeV	1.001×10^5	2.041	0.368	0.502	0.036	2.949	4.389×10^4
140. GeV	1.401×10^5	2.072	0.541	0.749	0.050	3.413	5.649×10^4
200. GeV	2.001×10^5	2.103	0.810	1.141	0.072	4.127	7.246×10^4
207. GeV	2.076×10^5	2.106	0.844	1.189	0.074	4.214	*Muon critical energy*
300. GeV	3.001×10^5	2.139	1.271	1.795	0.107	5.313	9.377×10^4
400. GeV	4.001×10^5	2.164	1.747	2.473	0.143	6.528	1.107×10^5
800. GeV	8.001×10^5	2.225	3.713	5.254	0.290	11.482	1.564×10^5
1.00 TeV	1.000×10^6	2.245	4.723	6.676	0.364	14.009	1.721×10^5
1.40 TeV	1.400×10^6	2.275	6.748	9.514	0.516	19.054	1.965×10^5
2.00 TeV	2.000×10^6	2.307	9.846	13.845	0.746	26.746	2.230×10^5
3.00 TeV	3.000×10^6	2.344	15.019	21.042	1.140	39.547	2.535×10^5
4.00 TeV	4.000×10^6	2.371	20.261	28.316	1.541	52.491	2.754×10^5
8.00 TeV	8.000×10^6	2.437	41.398	57.558	3.202	104.596	3.283×10^5
10.0 TeV	1.000×10^7	2.459	52.050	72.257	4.055	130.822	3.454×10^5
14.0 TeV	1.400×10^7	2.492	73.296	101.586	5.806	183.181	3.711×10^5
20.0 TeV	2.000×10^7	2.528	105.356	145.767	8.489	262.141	3.984×10^5
30.0 TeV	3.000×10^7	2.569	158.727	219.278	13.125	393.702	4.293×10^5
40.0 TeV	4.000×10^7	2.599	212.293	292.964	17.871	525.728	4.512×10^5
80.0 TeV	8.000×10^7	2.672	426.880	587.911	37.683	1055.148	5.038×10^5
100. TeV	1.000×10^8	2.697	534.358	735.520	47.915	1320.490	5.207×10^5