Table 269: Muons in Tungsten hexafluoride (WF_6)

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.42976	2.400	354.4	0.03658	3.5134	0.3020	4.2602	5.9881	0.00

T	p [MeV/c]	Ionization	Brems	Pair prod [MeV cm^2/g]	Photonucl	Total	CSDA range [g/cm^2]
10.0 MeV	4.704×10^1	4.928				4.928	1.143×10^0
14.0 MeV	5.616×10^1	3.880				3.880	2.067×10^0
20.0 MeV	6.802×10^1	3.057				3.057	3.828×10^0
30.0 MeV	8.509×10^1	2.393				2.393	7.574×10^0
40.0 MeV	1.003×10^2	2.056				2.056	1.211×10^1
80.0 MeV	1.527×10^2	1.565				1.565	3.509×10^1
100. MeV	1.764×10^2	1.479				1.479	4.827×10^1
140. MeV	2.218×10^2	1.396				1.396	7.623×10^1
200. MeV	2.868×10^2	1.353				1.353	1.200×10^2
253. MeV	3.431×10^2	1.346			0.000	1.346	*Minimum ionization*
300. MeV	3.917×10^2	1.349	0.000		0.000	1.349	1.942×10^2
400. MeV	4.945×10^2	1.367	0.000		0.000	1.367	2.679×10^2
800. MeV	8.995×10^2	1.451	0.001		0.000	1.452	5.516×10^2
1.00 GeV	1.101×10^3	1.485	0.001		0.000	1.486	6.877×10^2
1.40 GeV	1.502×10^3	1.539	0.002		0.001	1.541	9.517×10^2
2.00 GeV	2.103×10^3	1.598	0.003	0.001	0.001	1.602	1.333×10^3
3.00 GeV	3.104×10^3	1.665	0.004	0.002	0.001	1.673	1.943×10^3
4.00 GeV	4.104×10^3	1.711	0.006	0.004	0.002	1.724	2.531×10^3
8.00 GeV	8.105×10^3	1.816	0.016	0.014	0.003	1.851	4.762×10^3
10.0 GeV	1.011×10^4	1.848	0.021	0.020	0.004	1.894	5.830×10^3
14.0 GeV	1.411×10^4	1.894	0.032	0.033	0.006	1.966	7.901×10^3
20.0 GeV	2.011×10^4	1.940	0.050	0.055	0.008	2.053	1.089×10^4
30.0 GeV	3.011×10^4	1.988	0.082	0.096	0.012	2.179	1.561×10^4
40.0 GeV	4.011×10^4	2.021	0.116	0.141	0.015	2.294	2.008×10^4
80.0 GeV	8.011×10^4	2.093	0.262	0.341	0.030	2.727	3.604×10^4
100. GeV	1.001×10^5	2.115	0.340	0.449	0.037	2.942	4.310×10^4
140. GeV	1.401×10^5	2.147	0.499	0.671	0.052	3.369	5.580×10^4
200. GeV	2.001×10^5	2.180	0.748	1.023	0.074	4.025	7.208×10^4
234. GeV	2.339×10^5	2.194	0.890	1.218	0.086	4.389	*Muon critical energy*
300. GeV	3.001×10^5	2.217	1.173	1.611	0.111	5.112	9.408×10^4
400. GeV	4.001×10^5	2.243	1.613	2.221	0.147	6.224	1.118×10^5
800. GeV	8.001×10^5	2.305	3.427	4.724	0.298	10.755	1.601×10^5
1.00 TeV	1.000×10^6	2.325	4.360	6.005	0.375	13.065	1.770×10^5
1.40 TeV	1.400×10^6	2.355	6.228	8.560	0.531	17.675	2.032×10^5
2.00 TeV	2.000×10^6	2.388	9.086	12.459	0.768	24.702	2.318×10^5
3.00 TeV	3.000×10^6	2.425	13.858	18.940	1.175	36.399	2.649×10^5
4.00 TeV	4.000×10^6	2.453	18.692	25.490	1.588	48.224	2.887×10^5
8.00 TeV	8.000×10^6	2.519	38.184	51.823	3.304	95.831	3.464×10^5
10.0 TeV	1.000×10^7	2.541	48.006	65.060	4.186	119.794	3.651×10^5
14.0 TeV	1.400×10^7	2.575	67.596	91.471	5.997	167.640	3.932×10^5
20.0 TeV	2.000×10^7	2.611	97.154	131.258	8.775	239.799	4.229×10^5
30.0 TeV	3.000×10^7	2.652	146.362	197.456	13.581	360.052	4.567×10^5
40.0 TeV	4.000×10^7	2.682	195.745	263.814	18.504	480.747	4.807×10^5
80.0 TeV	8.000×10^7	2.756	393.572	529.421	39.088	964.838	5.383×10^5
100. TeV	1.000×10^8	2.781	492.651	662.343	49.730	1207.507	5.568×10^5