Table 150: Muons in m,n-Dimethyl formamide (C_3H_6NOH)

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.54724	0.949	66.6	0.11470	3.3710	0.1977	2.6686	3.3311	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	7.973				7.973	6.924×10^{-1}
14.0 MeV	5.616×10^1	6.216				6.216	1.267×10^0
20.0 MeV	6.802×10^1	4.852				4.852	2.372×10^0
30.0 MeV	8.509×10^1	3.762				3.762	4.746×10^0
40.0 MeV	1.003×10^2	3.211				3.211	7.642×10^0
80.0 MeV	1.527×10^2	2.409				2.409	2.248×10^1
100. MeV	1.764×10^2	2.261				2.261	3.107×10^1
140. MeV	2.218×10^2	2.104				2.104	4.950×10^1
200. MeV	2.868×10^2	2.013				2.014	7.876×10^1
300. MeV	3.917×10^2	1.978			0.000	1.978	1.290×10^2
325. MeV	4.171×10^2	1.977			0.000	1.977	*Minimum ionization*
400. MeV	4.945×10^2	1.983			0.000	1.983	1.796×10^2
800. MeV	8.995×10^2	2.056	0.000		0.000	2.056	3.777×10^2
1.00 GeV	1.101×10^3	2.089	0.000		0.000	2.090	4.741×10^2
1.40 GeV	1.502×10^3	2.144	0.000		0.001	2.145	6.629×10^2
2.00 GeV	2.103×10^3	2.205	0.001	0.000	0.001	2.206	9.385×10^2
3.00 GeV	3.104×10^3	2.273	0.001	0.001	0.001	2.276	1.384×10^3
4.00 GeV	4.104×10^3	2.321	0.001	0.001	0.002	2.325	1.819×10^3
8.00 GeV	8.105×10^3	2.431	0.003	0.003	0.004	2.441	3.493×10^3
10.0 GeV	1.011×10^4	2.464	0.004	0.004	0.005	2.477	4.306×10^3
14.0 GeV	1.411×10^4	2.512	0.006	0.007	0.007	2.532	5.902×10^3
20.0 GeV	2.011×10^4	2.561	0.010	0.011	0.009	2.592	8.242×10^3
30.0 GeV	3.011×10^4	2.614	0.016	0.020	0.014	2.664	1.205×10^4
40.0 GeV	4.011×10^4	2.650	0.023	0.029	0.018	2.720	1.576×10^4
80.0 GeV	8.011×10^4	2.732	0.053	0.071	0.034	2.890	3.000×10^4
100. GeV	1.001×10^5	2.758	0.068	0.093	0.043	2.963	3.684×10^4
140. GeV	1.401×10^5	2.796	0.101	0.140	0.059	3.097	5.004×10^4
200. GeV	2.001×10^5	2.836	0.152	0.215	0.084	3.288	6.883×10^4
300. GeV	3.001×10^5	2.882	0.240	0.342	0.126	3.590	9.792×10^4
400. GeV	4.001×10^5	2.914	0.332	0.474	0.168	3.888	1.247×10^5
800. GeV	8.001×10^5	2.992	0.713	1.026	0.339	5.071	2.145×10^5
1.00 TeV	1.000×10^6	3.018	0.911	1.312	0.426	5.667	2.518×10^5
1.14 TeV	1.135×10^6	3.032	1.044	1.502	0.486	6.065	*Muon critical energy*
1.40 TeV	1.400×10^6	3.057	1.308	1.880	0.605	6.849	3.159×10^5
2.00 TeV	2.000×10^6	3.098	1.919	2.751	0.876	8.644	3.937×10^5
3.00 TeV	3.000×10^6	3.146	2.944	4.201	1.342	11.634	4.931×10^5
4.00 TeV	4.000×10^6	3.181	3.987	5.673	1.816	14.657	5.695×10^5
8.00 TeV	8.000×10^6	3.266	8.212	11.600	3.792	26.871	7.681×10^5
10.0 TeV	1.000×10^7	3.293	10.350	14.586	4.810	33.040	8.351×10^5
14.0 TeV	1.400×10^7	3.336	14.617	20.535	6.908	45.396	9.380×10^5
20.0 TeV	2.000×10^7	3.382	21.073	29.508	10.132	64.096	1.049×10^6
30.0 TeV	3.000×10^7	3.435	31.825	44.438	15.730	95.428	1.176×10^6
40.0 TeV	4.000×10^7	3.473	42.636	59.417	21.476	127.002	1.266×10^6
80.0 TeV	8.000×10^7	3.568	85.987	119.384	45.601	254.540	1.485×10^6
100. TeV	1.000×10^8	3.599	107.721	149.404	58.111	318.835	1.555×10^6