Table C.3. Mass coefficients (cm^2/g) for dry air near sea level. Composition by weight fraction: N 0.755268, O 0.231781, Ar 0.012827, C 0.000124. Nominal density is 1.205×10^{-3} g cm^{-3}. Read entry 1.234−5 as 1.234×10^{-5}.

	Air					
E (MeV)	μ_c/ρ	μ_{ph}/ρ	μ_{pp}/ρ	μ/ρ	μ_{tr}/ρ	μ_{en}/ρ
0.0010	1.038−2	3.605+3		3.605+3	3.599+3	3.599+3
0.0015	2.116−2	1.190+3		1.190+3	1.188+3	1.188+3
0.0020	3.340−2	5.267+2		5.267+2	5.263+2	5.262+2
0.0030	5.748−2	1.616+2		1.616+2	1.615+2	1.614+2
0.00320	6.196−2	1.331+2		1.332+2	1.330+2	1.330+2
0.00320K	6.196−2	1.476+2		1.477+2	1.460+2	1.460+2
0.0040	7.770−2	7.713+1		7.721+1	7.637+1	7.636+1
0.0050	9.331−2	3.966+1		3.975+1	3.932+1	3.931+1
0.0060	1.051−1	2.288+1		2.299+1	2.271+1	2.270+1
0.0080	1.213−1	9.505+0		9.626+0	9.448+0	9.446+0
0.010	1.316−1	4.766+0		4.897+0	4.743+0	4.742+0
0.015	1.471−1	1.335+0		1.482+0	1.334+0	1.334+0
0.020	1.556−1	5.347−1		6.904−1	5.391−1	5.389−1
0.030	1.625−1	1.451−1		3.076−1	1.538−1	1.537−1
0.040	1.631−1	5.704−2		2.202−1	6.836−2	6.833−2
0.050	1.613−1	2.755−2		1.889−1	4.100−2	4.098−2
0.060	1.586−1	1.517−2		1.738−1	3.042−2	3.041−2
0.080	1.523−1	5.912−3		1.582−1	2.408−2	2.407−2
0.10	1.460−1	2.847−3		1.489−1	2.326−2	2.325−2
0.15	1.324−1	7.602−4		1.332−1	2.497−2	2.496−2
0.20	1.217−1	3.026−4		1.220−1	2.674−2	2.672−2
0.30	1.061−1	8.604−5		1.061−1	2.875−2	2.872−2
0.40	9.511−2	3.698−5		9.514−2	2.953−2	2.949−2
0.50	8.687−2	1.998−5		8.689−2	2.971−2	2.966−2
0.60	8.039−2	1.246−5		8.040−2	2.958−2	2.953−2
0.80	7.064−2	6.296−6		7.065−2	2.889−2	2.882−2
1.00	6.352−2	3.914−6		6.353−2	2.797−2	2.789−2
1.25	5.682−2	2.545−6	1.781−5	5.684−2	2.675−2	2.666−2
1.50	5.162−2	1.798−6	9.848−5	5.172−2	2.557−2	2.547−2
2.00	4.407−2	1.128−6	3.918−4	4.446−2	2.359−2	2.345−2
3.00	3.467−2	6.276−7	1.132−3	3.580−2	2.076−2	2.057−2
4.00	2.892−2	4.297−7	1.866−3	3.079−2	1.894−2	1.870−2
5.00	2.497−2	3.252−7	2.536−3	2.751−2	1.770−2	1.740−2
6.00	2.207−2	2.611−7	3.147−3	2.522−2	1.683−2	1.647−2
8.00	1.806−2	1.869−7	4.196−3	2.225−2	1.571−2	1.525−2
10.0	1.538−2	1.453−7	5.067−3	2.045−2	1.506−2	1.450−2
15.0	1.138−2	9.323−8	6.717−3	1.810−2	1.434−2	1.353−2
20.0	9.134−3	6.859−8	7.920−3	1.705−2	1.415−2	1.311−2
30.0	6.652−3	4.483−8	9.629−3	1.628−2	1.427−2	1.277−2
40.0	5.286−3	3.329−8	1.082−2	1.610−2	1.456−2	1.262−2
50.0	4.411−3	2.647−8	1.173−2	1.614−2	1.488−2	1.252−2
60.0	3.801−3	2.197−8	1.245−2	1.625−2	1.519−2	1.242−2
80.0	2.998−3	1.640−8	1.354−2	1.654−2	1.572−2	1.220−2
100.0	2.488−3	1.308−8	1.435−2	1.683−2	1.617−2	1.195−2

(cont.)