

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
deuterium gas (D<sub>2</sub>),  $Z = 1$ ,  $A = 2.014101778(13)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.0521	0.0175	0.5315	0.6010
5.	0.0737	0.0522	0.5530	0.6789
10.	0.0940	0.0952	0.5310	0.7202
20.	0.1175	0.1416	0.5022	0.7614
50.	0.1528	0.2062	0.4720	0.8310
100.	0.1811	0.2522	0.4574	0.8906
200.	0.2095	0.2959	0.4499	0.9552
500.	0.2448	0.3475	0.4479	1.0402
1000.	0.2693	0.3811	0.4558	1.1062
2000.	0.2910	0.4071	0.4689	1.1670
5000.	0.3150	0.4311	0.4935	1.2396
10000.	0.3294	0.4423	0.5185	1.2902
20000.	0.3406	0.4492	0.5481	1.3379
50000.	0.3513	0.4543	0.5949	1.4004
100000.	0.3569	0.4563	0.6354	1.4486