

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
bromine gas (Br<sub>2</sub>),  $Z = 35$ ,  $A = 79.904(1)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.0163	0.4622	0.3977	1.8762
5.	1.3937	1.2019	0.4248	3.0204
10.	1.7002	1.7781	0.4054	3.8837
20.	2.0149	2.3527	0.4000	4.7676
50.	2.4297	3.1999	0.3824	6.0120
100.	2.7274	3.7715	0.3739	6.8728
200.	3.0025	4.2880	0.3698	7.6603
500.	3.3167	4.7720	0.3698	8.4584
1000.	3.5097	5.0333	0.3756	8.9186
2000.	3.6627	5.2242	0.3850	9.2719
5000.	3.8078	5.3852	0.4021	9.5951
10000.	3.8811	5.4604	0.4193	9.7608
20000.	3.9304	5.5094	0.4393	9.8791
50000.	3.9716	5.5466	0.4704	9.9886
100000.	3.9904	5.5622	0.4969	10.0495