

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
ytterbium (Yb),  $Z = 70$ ,  $A = 173.054(5)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.7294	0.5006	0.3693	2.5993
5.	2.3940	1.8316	0.3944	4.6200
10.	2.9360	2.8637	0.3867	6.1864
20.	3.4920	3.8350	0.3679	7.6949
50.	4.2202	5.3048	0.3573	9.8823
100.	4.7385	6.2786	0.3500	11.3671
200.	5.2124	7.1444	0.3465	12.7033
500.	5.7455	7.9399	0.3467	14.0321
1000.	6.0673	8.3623	0.3521	14.7817
2000.	6.3183	8.6675	0.3606	15.3464
5000.	6.5517	8.9229	0.3761	15.8507
10000.	6.6675	9.0410	0.3916	16.1001
20000.	6.7444	9.1180	0.4096	16.2719
50000.	6.8080	9.1755	0.4376	16.4211
100000.	6.8363	9.1996	0.4616	16.4975