

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
boron oxide (B<sub>2</sub>O<sub>3</sub>)  
 $\langle Z/A \rangle = 0.49839$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2747	0.1213	0.4641	0.8602
5.	0.3723	0.2986	0.4911	1.1620
10.	0.4528	0.4492	0.4767	1.3788
20.	0.5374	0.6135	0.4551	1.6060
50.	0.6521	0.8446	0.4316	1.9283
100.	0.7373	1.0097	0.4202	2.1672
200.	0.8184	1.1588	0.4144	2.3916
500.	0.9137	1.3128	0.4136	2.6401
1000.	0.9746	1.4070	0.4205	2.8021
2000.	1.0250	1.4730	0.4318	2.9297
5000.	1.0751	1.5311	0.4527	3.0589
10000.	1.1015	1.5586	0.4739	3.1341
20000.	1.1199	1.5760	0.4987	3.1946
50000.	1.1357	1.5897	0.5376	3.2630
100000.	1.1430	1.5953	0.5709	3.3093