

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
bismuth germanate (BGO) [(Bi<sub>2</sub>O<sub>3</sub>)<sub>2</sub>(GeO<sub>2</sub>)<sub>3</sub>]  
 $\langle Z/A \rangle = 0.42065$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.5373	0.3677	0.3843	2.2894
5.	2.1288	1.5482	0.4097	4.0868
10.	2.6116	2.4675	0.4009	5.4801
20.	3.1074	3.3303	0.3859	6.8236
50.	3.7571	4.6385	0.3691	8.7647
100.	4.2197	5.5058	0.3611	10.0866
200.	4.6430	6.2766	0.3572	11.2768
500.	5.1190	6.9867	0.3572	12.4629
1000.	5.4065	7.3655	0.3628	13.1348
2000.	5.6308	7.6384	0.3717	13.6410
5000.	5.8396	7.8672	0.3882	14.0950
10000.	5.9434	7.9730	0.4046	14.3209
20000.	6.0124	8.0418	0.4236	14.4777
50000.	6.0695	8.0934	0.4534	14.6162
100000.	6.0949	8.1148	0.4789	14.6887