

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
bismuth (Bi),  $Z = 83$ ,  $A = 208.98040(1)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9733	0.4024	0.3626	2.7383
5.	2.7383	1.9374	0.3871	5.0629
10.	3.3630	3.1298	0.3796	6.8725
20.	4.0040	4.2339	0.3662	8.6041
50.	4.8425	5.9189	0.3511	11.1125
100.	5.4382	7.0307	0.3440	12.8129
200.	5.9815	8.0153	0.3407	14.3374
500.	6.5902	8.9163	0.3409	15.8474
1000.	6.9562	9.3930	0.3461	16.6954
2000.	7.2404	9.7360	0.3544	17.3308
5000.	7.5035	10.0233	0.3696	17.8964
10000.	7.6335	10.1551	0.3847	18.1733
20000.	7.7195	10.2418	0.4022	18.3635
50000.	7.7905	10.3061	0.4296	18.5262
100000.	7.8220	10.3327	0.4530	18.6077