

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
sulfur (S),  $Z = 16$ ,  $A = 32.065(5)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.5803	0.2719	0.4327	1.2849
5.	0.7885	0.6648	0.4609	1.9142
10.	0.9578	0.9792	0.4495	2.3864
20.	1.1328	1.3117	0.4309	2.8753
50.	1.3654	1.7853	0.4102	3.5609
100.	1.5344	2.1133	0.4001	4.0478
200.	1.6927	2.3988	0.3951	4.4866
500.	1.8766	2.7085	0.3946	4.9797
1000.	1.9919	2.8700	0.4010	5.2629
2000.	2.0850	2.9897	0.4113	5.4860
5000.	2.1752	3.0915	0.4305	5.6972
10000.	2.2218	3.1394	0.4498	5.8110
20000.	2.2548	3.1698	0.4723	5.8968
50000.	2.2806	3.1943	0.5074	5.9823
100000.	2.2931	3.2043	0.5375	6.0349