

$b(E) \times 10^6$  [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.	0.7886	0.6649	0.4609	1.9143
10.	0.9578	0.9792	0.4495	2.3865
20.	1.1328	1.3117	0.4309	2.8754
50.	1.3654	1.7854	0.4102	3.5610
100.	1.5344	2.1134	0.4001	4.0479
200.	1.6927	2.3989	0.3951	4.4867
500.	1.8767	2.7086	0.3946	4.9799
1000.	1.9919	2.8701	0.4010	5.2630
2000.	2.0851	2.9898	0.4113	5.4862
5000.	2.1753	3.0916	0.4305	5.6974
10000.	2.2219	3.1395	0.4498	5.8111
20000.	2.2549	3.1699	0.4723	5.8970
50000.	2.2806	3.1944	0.5074	5.9825
100000.	2.2932	3.2044	0.5375	6.0351