

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
calcium oxide (CaO)  
 $\langle Z/A \rangle = 0.49929$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.5959	0.2784	0.4341	1.3084
5.	0.8105	0.6849	0.4622	1.9577
10.	0.9851	1.0097	0.4506	2.4454
20.	1.1655	1.3513	0.4317	2.9485
50.	1.4050	1.8385	0.4109	3.6545
100.	1.5790	2.1752	0.4008	4.1550
200.	1.7419	2.4847	0.3957	4.6224
500.	1.9306	2.7831	0.3952	5.1089
1000.	2.0485	2.9498	0.4016	5.4000
2000.	2.1438	3.0715	0.4120	5.6273
5000.	2.2358	3.1754	0.4313	5.8425
10000.	2.2833	3.2243	0.4506	5.9582
20000.	2.3168	3.2558	0.4732	6.0457
50000.	2.3431	3.2802	0.5085	6.1319
100000.	2.3558	3.2904	0.5388	6.1851