

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
calcium sulfate (CaSO<sub>4</sub>)  
 $\langle Z/A \rangle = 0.49950$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.4925	0.2279	0.4427	1.1631
5.	0.6691	0.5593	0.4706	1.6990
10.	0.8130	0.8272	0.4582	2.0985
20.	0.9623	1.1115	0.4387	2.5124
50.	1.1612	1.5157	0.4171	3.0941
100.	1.3063	1.7966	0.4066	3.5094
200.	1.4428	2.0510	0.4013	3.8950
500.	1.6014	2.3074	0.4007	4.3094
1000.	1.7010	2.4509	0.4072	4.5592
2000.	1.7819	2.5549	0.4178	4.7547
5000.	1.8606	2.6442	0.4376	4.9424
10000.	1.9014	2.6863	0.4575	5.0452
20000.	1.9301	2.7132	0.4807	5.1240
50000.	1.9532	2.7344	0.5170	5.2046
100000.	1.9642	2.7431	0.5481	5.2555