

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
calcium fluoride (CaF<sub>2</sub>)  
 $\langle Z/A \rangle = 0.49670$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.5234	0.2436	0.4381	1.2051
5.	0.7116	0.5985	0.4659	1.7760
10.	0.8649	0.8837	0.4539	2.2026
20.	1.0236	1.1853	0.4348	2.6436
50.	1.2347	1.6146	0.4136	3.2630
100.	1.3884	1.9121	0.4033	3.7039
200.	1.5327	2.1854	0.3983	4.1164
500.	1.7001	2.4508	0.3977	4.5486
1000.	1.8049	2.6015	0.4042	4.8107
2000.	1.8900	2.7101	0.4147	5.0148
5000.	1.9724	2.8034	0.4342	5.2100
10000.	2.0150	2.8474	0.4538	5.3162
20000.	2.0449	2.8756	0.4767	5.3972
50000.	2.0689	2.8976	0.5125	5.4789
100000.	2.0803	2.9067	0.5432	5.5303