

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
lithium fluoride (LiF)  
 $\langle Z/A \rangle = 0.46262$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2703	0.1209	0.4631	0.8543
5.	0.3668	0.2972	0.4895	1.1536
10.	0.4464	0.4463	0.4751	1.3679
20.	0.5299	0.6083	0.4537	1.5919
50.	0.6431	0.8364	0.4303	1.9098
100.	0.7269	0.9981	0.4189	2.1441
200.	0.8067	1.1455	0.4133	2.3655
500.	0.9004	1.2963	0.4125	2.6092
1000.	0.9600	1.3884	0.4195	2.7679
2000.	1.0094	1.4527	0.4308	2.8929
5000.	1.0583	1.5096	0.4517	3.0196
10000.	1.0841	1.5365	0.4728	3.0934
20000.	1.1021	1.5535	0.4975	3.1531
50000.	1.1174	1.5669	0.5363	3.2206
100000.	1.1246	1.5725	0.5695	3.2666