

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 lanthanum chloride (LaCl<sub>3</sub>)  
 $\langle Z/A \rangle = 0.44034$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.0824	0.4224	0.3996	1.9044
5.	1.4891	1.2244	0.4263	3.1398
10.	1.8201	1.8499	0.4169	4.0869
20.	2.1603	2.4629	0.3979	5.0211
50.	2.6078	3.3713	0.3830	6.3621
100.	2.9284	3.9816	0.3744	7.2844
200.	3.2238	4.5310	0.3702	8.1250
500.	3.5597	5.0435	0.3701	8.9733
1000.	3.7651	5.3192	0.3760	9.4603
2000.	3.9272	5.5201	0.3854	9.8328
5000.	4.0801	5.6893	0.4026	10.1720
10000.	4.1570	5.7681	0.4199	10.3450
20000.	4.2091	5.8190	0.4401	10.4682
50000.	4.2517	5.8581	0.4714	10.5812
100000.	4.2712	5.8742	0.4983	10.6436