

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
lithium carbonate (Li<sub>2</sub>C-O<sub>3</sub>)  
 $\langle Z/A \rangle = 0.49720$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2639	0.1162	0.4671	0.8472
5.	0.3578	0.2864	0.4938	1.1380
10.	0.4353	0.4317	0.4791	1.3461
20.	0.5168	0.5901	0.4572	1.5641
50.	0.6275	0.8128	0.4334	1.8738
100.	0.7098	0.9711	0.4219	2.1028
200.	0.7882	1.1159	0.4161	2.3202
500.	0.8805	1.2649	0.4152	2.5606
1000.	0.9395	1.3562	0.4221	2.7179
2000.	0.9884	1.4204	0.4335	2.8422
5000.	1.0370	1.4770	0.4546	2.9686
10000.	1.0626	1.5038	0.4760	3.0425
20000.	1.0806	1.5207	0.5010	3.1023
50000.	1.0959	1.5341	0.5402	3.1703
100000.	1.1030	1.5396	0.5739	3.2166