

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 polycarbonate (Lexan, [OC<sub>6</sub>H<sub>4</sub>C(CH<sub>3</sub>)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OCO]<sub>n</sub>)  
 $\langle Z/A \rangle = 0.52697$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2482	0.1075	0.4727	0.8285
5.	0.3366	0.2665	0.4998	1.1028
10.	0.4099	0.4046	0.4846	1.2990
20.	0.4873	0.5555	0.4621	1.5049
50.	0.5932	0.7674	0.4376	1.7983
100.	0.6729	0.9179	0.4256	2.0165
200.	0.7478	1.0570	0.4196	2.2243
500.	0.8371	1.2010	0.4185	2.4567
1000.	0.8946	1.2897	0.4254	2.6097
2000.	0.9425	1.3523	0.4369	2.7316
5000.	0.9903	1.4078	0.4583	2.8565
10000.	1.0159	1.4340	0.4799	2.9298
20000.	1.0339	1.4505	0.5054	2.9898
50000.	1.0495	1.4635	0.5452	3.0582
100000.	1.0564	1.4689	0.5795	3.1047