

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
polyethylene terephthalate (Mylar) [(C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.52037$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2602	0.1135	0.4701	0.8438
5.	0.3528	0.2805	0.4972	1.1304
10.	0.4294	0.4245	0.4823	1.3361
20.	0.5102	0.5817	0.4601	1.5519
50.	0.6203	0.8026	0.4358	1.8588
100.	0.7029	0.9593	0.4240	2.0862
200.	0.7806	1.1039	0.4180	2.3025
500.	0.8731	1.2529	0.4171	2.5432
1000.	0.9325	1.3445	0.4239	2.7009
2000.	0.9818	1.4090	0.4353	2.8261
5000.	1.0310	1.4660	0.4566	2.9536
10000.	1.0572	1.4929	0.4781	3.0282
20000.	1.0756	1.5099	0.5033	3.0888
50000.	1.0914	1.5234	0.5429	3.1576
100000.	1.0985	1.5288	0.5768	3.2042