

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
cellulose acetate butyrate [(C<sub>15</sub>H<sub>22</sub>O<sub>8</sub>)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.53279$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2607	0.1136	0.4715	0.8458
5.	0.3536	0.2811	0.4987	1.1333
10.	0.4305	0.4258	0.4836	1.3400
20.	0.5117	0.5838	0.4613	1.5567
50.	0.6224	0.8058	0.4368	1.8651
100.	0.7055	0.9632	0.4249	2.0935
200.	0.7839	1.1084	0.4188	2.3111
500.	0.8770	1.2582	0.4179	2.5532
1000.	0.9369	1.3503	0.4247	2.7119
2000.	0.9867	1.4152	0.4361	2.8380
5000.	1.0365	1.4726	0.4574	2.9665
10000.	1.0630	1.4997	0.4789	3.0417
20000.	1.0817	1.5168	0.5043	3.1029
50000.	1.0979	1.5303	0.5440	3.1722
100000.	1.1052	1.5358	0.5781	3.2192