

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
cellulose nitrate [(C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>(ONO<sub>2</sub>)<sub>6</sub>)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.51424$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2836	0.1250	0.4657	0.8742
5.	0.3844	0.3077	0.4930	1.1851
10.	0.4675	0.4634	0.4785	1.4094
20.	0.5549	0.6331	0.4567	1.6447
50.	0.6735	0.8719	0.4329	1.9784
100.	0.7617	1.0408	0.4214	2.2239
200.	0.8455	1.1964	0.4155	2.4574
500.	0.9443	1.3556	0.4146	2.7146
1000.	1.0075	1.4531	0.4214	2.8820
2000.	1.0599	1.5213	0.4327	3.0139
5000.	1.1120	1.5814	0.4537	3.1472
10000.	1.1395	1.6099	0.4750	3.2244
20000.	1.1588	1.6278	0.4999	3.2865
50000.	1.1754	1.6420	0.5389	3.3563
100000.	1.1830	1.6478	0.5724	3.4034