

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 polyacrylonitrile [(C<sub>3</sub>H<sub>3</sub>N)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.52767$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2440	0.1055	0.4733	0.8229
5.	0.3309	0.2616	0.5004	1.0929
10.	0.4030	0.3975	0.4852	1.2857
20.	0.4793	0.5462	0.4626	1.4881
50.	0.5836	0.7549	0.4381	1.7766
100.	0.6622	0.9032	0.4260	1.9914
200.	0.7361	1.0402	0.4199	2.1962
500.	0.8242	1.1824	0.4189	2.4257
1000.	0.8811	1.2701	0.4258	2.5770
2000.	0.9284	1.3321	0.4373	2.6976
5000.	0.9757	1.3869	0.4587	2.8215
10000.	1.0011	1.4129	0.4804	2.8943
20000.	1.0189	1.4293	0.5059	2.9540
50000.	1.0343	1.4421	0.5458	3.0222
100000.	1.0412	1.4474	0.5801	3.0687