

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 polyvinyl alcohol [(C<sub>2</sub>H<sub>3</sub>-O-H)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.54480$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2557	0.1111	0.4737	0.8405
5.	0.3470	0.2753	0.5009	1.1232
10.	0.4226	0.4180	0.4857	1.3264
20.	0.5027	0.5737	0.4631	1.5394
50.	0.6120	0.7925	0.4383	1.8429
100.	0.6941	0.9476	0.4263	2.0680
200.	0.7717	1.0908	0.4201	2.2826
500.	0.8639	1.2390	0.4191	2.5221
1000.	0.9234	1.3302	0.4259	2.6795
2000.	0.9728	1.3946	0.4374	2.8047
5000.	1.0224	1.4516	0.4588	2.9328
10000.	1.0490	1.4785	0.4804	3.0079
20000.	1.0677	1.4955	0.5059	3.0692
50000.	1.0840	1.5089	0.5459	3.1387
100000.	1.0914	1.5143	0.5802	3.1860