

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
polyvinyl pyrrolidone [(C<sub>6</sub>H<sub>9</sub>NO)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.53984$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2460	0.1063	0.4745	0.8270
5.	0.3337	0.2639	0.5017	1.0994
10.	0.4066	0.4014	0.4863	1.2944
20.	0.4838	0.5516	0.4636	1.4990
50.	0.5892	0.7626	0.4389	1.7908
100.	0.6687	0.9124	0.4268	2.0078
200.	0.7435	1.0508	0.4206	2.2149
500.	0.8328	1.1944	0.4196	2.4469
1000.	0.8904	1.2829	0.4264	2.5998
2000.	0.9384	1.3456	0.4379	2.7218
5000.	0.9865	1.4011	0.4594	2.8470
10000.	1.0123	1.4273	0.4811	2.9207
20000.	1.0305	1.4438	0.5067	2.9810
50000.	1.0462	1.4568	0.5468	3.0497
100000.	1.0533	1.4621	0.5812	3.0967