

**Table 102:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
Adenine ( $\text{C}_5\text{H}_5\text{N}_5$ )  
 $\langle Z/A \rangle = 0.51903$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2557	0.1113	0.4703	0.8373
5.	0.3466	0.2751	0.4974	1.1191
10.	0.4219	0.4167	0.4824	1.3210
20.	0.5013	0.5713	0.4602	1.5328
50.	0.6096	0.7885	0.4360	1.8342
100.	0.6907	0.9427	0.4242	2.0576
200.	0.7675	1.0850	0.4182	2.2707
500.	0.8585	1.2320	0.4172	2.5079
1000.	0.9171	1.3224	0.4241	2.6636
2000.	0.9657	1.3861	0.4356	2.7872
5000.	1.0142	1.4423	0.4568	2.9134
10000.	1.0400	1.4690	0.4783	2.9873
20000.	1.0581	1.4858	0.5035	3.0475
50000.	1.0738	1.4990	0.5431	3.1159
100000.	1.0809	1.5044	0.5772	3.1625