

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
pyridine (C<sub>5</sub>H<sub>5</sub>N)  
 $\langle Z/A \rangle = 0.53096$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2400	0.1035	0.4744	0.8180
5.	0.3255	0.2569	0.5014	1.0839
10.	0.3966	0.3910	0.4861	1.2737
20.	0.4718	0.5376	0.4634	1.4728
50.	0.5747	0.7434	0.4387	1.7569
100.	0.6525	0.8897	0.4267	1.9688
200.	0.7253	1.0249	0.4205	2.1708
500.	0.8125	1.1655	0.4195	2.3976
1000.	0.8688	1.2522	0.4264	2.5474
2000.	0.9156	1.3136	0.4379	2.6671
5000.	0.9626	1.3680	0.4594	2.7900
10000.	0.9877	1.3937	0.4811	2.8626
20000.	1.0055	1.4100	0.5067	2.9221
50000.	1.0208	1.4227	0.5467	2.9902
100000.	1.0276	1.4279	0.5812	3.0367