

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 urea (CO(NH<sub>2</sub>)<sub>2</sub>)  
 $\langle Z/A \rangle = 0.53284$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2687	0.1175	0.4701	0.8564
5.	0.3644	0.2904	0.4974	1.1522
10.	0.4436	0.4392	0.4825	1.3653
20.	0.5271	0.6015	0.4602	1.5889
50.	0.6408	0.8297	0.4360	1.9065
100.	0.7256	0.9913	0.4241	2.1410
200.	0.8064	1.1404	0.4181	2.3648
500.	0.9018	1.2939	0.4171	2.6128
1000.	0.9631	1.3881	0.4239	2.7751
2000.	1.0140	1.4543	0.4353	2.9035
5000.	1.0648	1.5128	0.4565	3.0342
10000.	1.0919	1.5405	0.4779	3.1104
20000.	1.1110	1.5579	0.5032	3.1721
50000.	1.1274	1.5717	0.5428	3.2418
100000.	1.1351	1.5773	0.5767	3.2892