

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
acetylene (CHCH)  
 $\langle Z/A \rangle = 0.53768$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2319	0.0995	0.4765	0.8079
5.	0.3146	0.2475	0.5035	1.0656
10.	0.3835	0.3777	0.4880	1.2491
20.	0.4565	0.5201	0.4651	1.4417
50.	0.5566	0.7200	0.4402	1.7168
100.	0.6326	0.8621	0.4279	1.9227
200.	0.7035	0.9937	0.4217	2.1190
500.	0.7887	1.1310	0.4207	2.3404
1000.	0.8438	1.2158	0.4276	2.4871
2000.	0.8897	1.2760	0.4392	2.6047
5000.	0.9358	1.3294	0.4607	2.7260
10000.	0.9606	1.3547	0.4825	2.7979
20000.	0.9781	1.3706	0.5083	2.8570
50000.	0.9934	1.3831	0.5486	2.9249
100000.	0.9999	1.3882	0.5832	2.9714