

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
sodium nitrate (NaNO<sub>3</sub>)  
 $\langle Z/A \rangle = 0.49415$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.3298	0.1482	0.4566	0.9346
5.	0.4470	0.3631	0.4840	1.2941
10.	0.5431	0.5424	0.4704	1.5559
20.	0.6437	0.7368	0.4495	1.8301
50.	0.7793	1.0112	0.4267	2.2172
100.	0.8792	1.2044	0.4156	2.4992
200.	0.9744	1.3816	0.4100	2.7660
500.	1.0857	1.5605	0.4093	3.0555
1000.	1.1564	1.6692	0.4161	3.2416
2000.	1.2146	1.7446	0.4271	3.3863
5000.	1.2721	1.8107	0.4476	3.5305
10000.	1.3022	1.8420	0.4683	3.6126
20000.	1.3234	1.8617	0.4926	3.6778
50000.	1.3410	1.8775	0.5306	3.7491
100000.	1.3495	1.8839	0.5631	3.7966