

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
polyvinyl butyral [(C<sub>8</sub>H<sub>13</sub>O<sub>2</sub>)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.54537$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2459	0.1062	0.4753	0.8275
5.	0.3336	0.2638	0.5024	1.0999
10.	0.4066	0.4015	0.4870	1.2951
20.	0.4838	0.5518	0.4642	1.4999
50.	0.5894	0.7630	0.4394	1.7919
100.	0.6691	0.9129	0.4272	2.0092
200.	0.7440	1.0514	0.4210	2.2165
500.	0.8335	1.1953	0.4200	2.4489
1000.	0.8913	1.2839	0.4268	2.6020
2000.	0.9394	1.3467	0.4383	2.7244
5000.	0.9877	1.4023	0.4598	2.8499
10000.	1.0136	1.4286	0.4816	2.9238
20000.	1.0320	1.4452	0.5072	2.9843
50000.	1.0479	1.4582	0.5473	3.0533
100000.	1.0550	1.4635	0.5819	3.1004