

**Table 273:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
 Urea  $\text{CO}(\text{NH}_2)_2$   
 $\langle Z/A \rangle = 0.53284$

| 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           |