

$b(E) \times 10^6$ [cm²g⁻¹] for
nitrogen gas (N₂), $Z = 7$, $A = 14.0067(2)$

| E [GeV] | b_{brems} | b_{pair} | b_{nucl} | b_{tot} |
|---------|--------------------|-------------------|-------------------|------------------|
| 2. | 0.2778 | 0.1222 | 0.4645 | 0.8646 |
| 5. | 0.3764 | 0.3008 | 0.4917 | 1.1689 |
| 10. | 0.4576 | 0.4529 | 0.4773 | 1.3878 |
| 20. | 0.5430 | 0.6188 | 0.4557 | 1.6176 |
| 50. | 0.6589 | 0.8523 | 0.4322 | 1.9433 |
| 100. | 0.7448 | 1.0176 | 0.4207 | 2.1831 |
| 200. | 0.8269 | 1.1699 | 0.4149 | 2.4117 |
| 500. | 0.9234 | 1.3260 | 0.4140 | 2.6635 |
| 1000. | 0.9852 | 1.4215 | 0.4209 | 2.8276 |
| 2000. | 1.0363 | 1.4884 | 0.4322 | 2.9568 |
| 5000. | 1.0870 | 1.5473 | 0.4531 | 3.0875 |
| 10000. | 1.1138 | 1.5752 | 0.4743 | 3.1633 |
| 20000. | 1.1325 | 1.5928 | 0.4991 | 3.2245 |
| 50000. | 1.1485 | 1.6067 | 0.5381 | 3.2933 |
| 100000. | 1.1561 | 1.6124 | 0.5715 | 3.3401 |