

$b(E) \times 10^6$ [cm²g⁻¹] for
magnesium tetraborate MgB₄O₇
 $\langle Z/A \rangle = 0.49014$

| E [GeV] | b_{brems} | b_{pair} | b_{nucl} | b_{tot} |
|---------|--------------------|-------------------|-------------------|------------------|
| 2. | 0.3009 | 0.1342 | 0.4609 | 0.8961 |
| 5. | 0.4080 | 0.3296 | 0.4880 | 1.2256 |
| 10. | 0.4959 | 0.4940 | 0.4739 | 1.4640 |
| 20. | 0.5882 | 0.6726 | 0.4527 | 1.7135 |
| 50. | 0.7128 | 0.9244 | 0.4295 | 2.0668 |
| 100. | 0.8051 | 1.1033 | 0.4182 | 2.3266 |
| 200. | 0.8929 | 1.2653 | 0.4125 | 2.5708 |
| 500. | 0.9958 | 1.4310 | 0.4117 | 2.8386 |
| 1000. | 1.0613 | 1.5321 | 0.4186 | 3.0120 |
| 2000. | 1.1155 | 1.6025 | 0.4297 | 3.1477 |
| 5000. | 1.1690 | 1.6644 | 0.4505 | 3.2840 |
| 10000. | 1.1972 | 1.6937 | 0.4715 | 3.3624 |
| 20000. | 1.2169 | 1.7122 | 0.4961 | 3.4252 |
| 50000. | 1.2335 | 1.7269 | 0.5346 | 3.4950 |
| 100000. | 1.2413 | 1.7329 | 0.5675 | 3.5418 |