

$b(E) \times 10^6$ [cm²g⁻¹] for
titanium dioxide (TiO₂)
 $\langle Z/A \rangle = 0.47572$

| E [GeV] | b_{brems} | b_{pair} | b_{nucl} | b_{tot} |
|---------|--------------------|-------------------|-------------------|------------------|
| 2. | 0.5480 | 0.2563 | 0.4342 | 1.2386 |
| 5. | 0.7464 | 0.6329 | 0.4617 | 1.8411 |
| 10. | 0.9079 | 0.9342 | 0.4500 | 2.2921 |
| 20. | 1.0750 | 1.2506 | 0.4312 | 2.7569 |
| 50. | 1.2971 | 1.7022 | 0.4104 | 3.4097 |
| 100. | 1.4585 | 2.0143 | 0.4003 | 3.8731 |
| 200. | 1.6097 | 2.3006 | 0.3953 | 4.3056 |
| 500. | 1.7847 | 2.5773 | 0.3949 | 4.7569 |
| 1000. | 1.8942 | 2.7329 | 0.4013 | 5.0284 |
| 2000. | 1.9826 | 2.8458 | 0.4117 | 5.2401 |
| 5000. | 2.0682 | 2.9424 | 0.4309 | 5.4415 |
| 10000. | 2.1122 | 2.9878 | 0.4503 | 5.5504 |
| 20000. | 2.1432 | 3.0172 | 0.4729 | 5.6332 |
| 50000. | 2.1678 | 3.0398 | 0.5082 | 5.7159 |
| 100000. | 2.1797 | 3.0492 | 0.5384 | 5.7674 |