

$b(E) \times 10^6$ [cm²g⁻¹] for
xylene (C₈H₁₀)
 $\langle Z/A \rangle = 0.54631$

| E [GeV] | b_{brems} | b_{pair} | b_{nucl} | b_{tot} |
|---------|--------------------|-------------------|-------------------|------------------|
| 2. | 0.2296 | 0.0983 | 0.4779 | 0.8058 |
| 5. | 0.3115 | 0.2448 | 0.5049 | 1.0612 |
| 10. | 0.3799 | 0.3741 | 0.4893 | 1.2432 |
| 20. | 0.4524 | 0.5156 | 0.4662 | 1.4342 |
| 50. | 0.5520 | 0.7141 | 0.4411 | 1.7073 |
| 100. | 0.6276 | 0.8553 | 0.4288 | 1.9117 |
| 200. | 0.6982 | 0.9861 | 0.4225 | 2.1068 |
| 500. | 0.7831 | 1.1227 | 0.4215 | 2.3273 |
| 1000. | 0.8381 | 1.2071 | 0.4283 | 2.4735 |
| 2000. | 0.8839 | 1.2672 | 0.4399 | 2.5910 |
| 5000. | 0.9301 | 1.3205 | 0.4616 | 2.7123 |
| 10000. | 0.9550 | 1.3457 | 0.4835 | 2.7842 |
| 20000. | 0.9726 | 1.3616 | 0.5093 | 2.8435 |
| 50000. | 0.9879 | 1.3741 | 0.5498 | 2.9117 |
| 100000. | 0.9946 | 1.3792 | 0.5846 | 2.9583 |