Table 259: Muons in Tetrachloroethylene $C_2C_{14}$

<table>
<thead>
<tr>
<th>$T$</th>
<th>$p$</th>
<th>Ionization</th>
<th>Brems</th>
<th>Pair prod</th>
<th>Photonucl</th>
<th>Total</th>
<th>CSDA range</th>
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<td>[MeV/c]</td>
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<td>[MeV cm²/g]</td>
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<td>[g/cm²]</td>
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<td>6.248</td>
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<td>20.0 MeV</td>
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<td>3.836</td>
<td>3.836</td>
<td>3.023 x 10⁰</td>
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<tr>
<td>30.0 MeV</td>
<td>8.509 x 10¹</td>
<td>2.988</td>
<td>2.988</td>
<td>6.017 x 10⁰</td>
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<tr>
<td>40.0 MeV</td>
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<td>2.558</td>
<td>2.558</td>
<td>9.657 x 10⁰</td>
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<td>80.0 MeV</td>
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<td>1.932</td>
<td>1.932</td>
<td>2.821 x 10¹</td>
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<tr>
<td>100. MeV</td>
<td>1.764 x 10²</td>
<td>1.819</td>
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<td>3.891 x 10¹</td>
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<td>140. MeV</td>
<td>2.218 x 10²</td>
<td>1.705</td>
<td>1.706</td>
<td>6.172 x 10¹</td>
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<tr>
<td>200. MeV</td>
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<td>1.645</td>
<td>1.645</td>
<td>9.767 x 10¹</td>
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<td>277. MeV</td>
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<td>1.629</td>
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<td>Minimum ionization</td>
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<td>0.000</td>
<td>1.630</td>
<td>1.589 x 10²</td>
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<td>400. MeV</td>
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<td>1.644</td>
<td>0.000</td>
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<td>2.200 x 10²</td>
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<td>0.000</td>
<td>1.728</td>
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<tr>
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<td>1.763</td>
<td>0.000</td>
<td>1.764</td>
<td>5.717 x 10²</td>
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<td>1.40 GeV</td>
<td>1.502 x 10³</td>
<td>1.819</td>
<td>0.001</td>
<td>1.820</td>
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<td>0.001</td>
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<td>1.948</td>
<td>0.002</td>
<td>1.952</td>
<td>1.640 x 10³</td>
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<td>1.995</td>
<td>0.003</td>
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<td>4.081 x 10³</td>
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<td>0.009</td>
<td>2.156</td>
<td>5.016 x 10³</td>
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<td>0.014</td>
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<td>0.494</td>
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<td>2.29 x 10⁵</td>
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