## Stopping for Ion: $\text{He}^+$, Target = $\text{Xe}$

<table>
<thead>
<tr>
<th>Pub. Year</th>
<th>Authors, Title, Journal Citation and Comments</th>
<th>Citation Numb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comment :</td>
<td>S. 5.3, 6.1 MeV He -&gt; $\text{H}_2$, $\text{He}$, $\text{O}_2$, Ne, Ar, Kr, Xe Rel. To Air</td>
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<tr>
<td>Comment :</td>
<td>S. 3-7 MeV He -&gt; He, Ne, Ar, Kr, Xe. All Rel. To Air</td>
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<tr>
<td>1968</td>
<td>Hvelplund, P. 'Prisopgave' <em>Aarhus University P. 1-105 (In Danish)</em> (1968)</td>
<td>1968-Hvel 0406</td>
</tr>
<tr>
<td>Comment :</td>
<td>S, dS. Many Ions (H-Hg) at 50-500 keV -&gt; H, He, Ne, Ar, Kr, Xe, Air</td>
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<tr>
<td>Comment :</td>
<td>S, dS. 1-3.5 MeV He -&gt; He, Air, Ar, Kr, Xe</td>
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<td>Comment :</td>
<td>S. 0.3-2.0 MeV He -&gt; He, Ne, Ar, Kr, Xe</td>
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<td>1977</td>
<td>Besenbacher, F. 'Stopping Power and Straggling for H and He Ions in Gas Targets' <em>Specialeopgave. Aarhus University</em> (1977)</td>
<td>1977-Bese 0954</td>
</tr>
<tr>
<td>Comment :</td>
<td>S. dS. 20-500 keV H, He -&gt; H, He N, O, Ne, Ar, Kr, Xe, CO2</td>
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<tr>
<td>Comment :</td>
<td>S. 40 keV-1 MeV H And 100 keV-2.4 MeV He -&gt; H2, He, N2, O2, CO2, Ne, Ar, Kr, Xe</td>
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<td>Comment :</td>
<td>S. H, He -&gt; Gases (Review Of Current Data)</td>
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<tr>
<td>Comment :</td>
<td>S. He, Ne, Ar, Kr (40-200 keV) -&gt; He, Ne, Ar, Kr, Xe (Note: stopping for ions of zero deflection)</td>
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<td>Year</td>
<td>Authors, Title, Journal Citation and Comments</td>
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<tr>
<td>1983</td>
<td>He4 Stopping Cross Sections in H2, He, N2, O2, Ne, Ar, Kr, Xe, CH4 and CO2</td>
<td>1983-Baum3, 1450</td>
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<td></td>
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<td>Comment : S. He (0.1-1.2 MeV) -&gt; H2, He, N2, O2, Ne, Ar, Kr, Xe, CH4 and CO2</td>
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<tr>
<td>1990</td>
<td>Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH4</td>
<td>1990-Reit, 1933</td>
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<td></td>
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<td>Comment : S. H, He (0.7-3.0 MeV) -&gt; H, He, N, O, Ne, Ar, Kr, Xe, CH4</td>
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<td>1993</td>
<td>Alpha Particle Energy Straggling Measurements in Nobel Gases</td>
<td>1993-Novk, 2077</td>
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<td>Comment : dS. He(8.8 MeV) -&gt; He, Ne, Ar, Kr, Xe</td>
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<td>2002</td>
<td>Experimental Studies of Heavy-Ion Slowing Down in Matter</td>
<td>2002-Geis, 3141</td>
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<td>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</td>
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