

# Stopping for Ion : **He** , Target = **Cr**

| <b>Pub. Year</b> | <b>Authors, Title, Journal Citation and Comments</b>  | <b>Citation Num</b> |
|------------------|---|---------------------|
| <b>1965</b>      | Moorhead, R. D.<br>'Stopping Cross Sections of Low Atomic Number Materials for He+ 65-180 keV'<br><i>J. Appl. Phys.</i> , <b>36</b> , 391-96 (1965)<br><i>Comment</i> : S. 65 - 180 keV H, He -> C, He -> Al, Cr  | 1965-Moor<br>0217   |
| <b>1969</b>      | Chu, W. K. Powers, D.<br>'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV'<br><i>Phys. Rev.</i> , <b>187</b> , 478-90 (1969)<br><i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn   | 1969-Chu<br>0382    |
| <b>1969</b>      | White, W. Mueller, R. M.<br>'Electron-Stopping Cross Sections of 1H, 4He Particles in Cr, Mn, Fe, Co, Ni, and Cu at Energies Near 100 keV'<br><i>Phys. Rev.</i> , <b>187</b> , 499-503 (1969)<br><i>Comment</i> : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu                              | 1969-Whit<br>0389   |
| <b>1976</b>      | Hoffman, G. E. Powers, D.<br>'Energy Straggling of Alpha Particles in Solid Materials'<br><i>Phys. Rev. A</i> , <b>13</b> , 2042-48 (1976).<br><i>Comment</i> : S, dS. 0.5-2.0 MeV He -> Ti, Cr, Co, Cu, Ag   | 1976-Hoff2<br>0865  |
| <b>1982</b>      | Mertens, P. Krist, Th.<br>'Stopping Ratios for 30 - 300 keV Ions with $1 \leq Z \leq 5$ '<br><i>J. Appl. Phys.</i> , <b>53</b> (11), 7343 - 7349 (1982)<br><i>Comment</i> : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn  | 1982-Mert3<br>1394  |
| <b>1984</b>      | Krist, Th. Mertens, P.<br>'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z \leq 5$ '<br><i>Nucl. Inst. Methods</i> , <b>B2</b> , 119-122 (1984)<br><i>Comment</i> : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi | 1984-Kris<br>1467   |
| <b>1992</b>      | Eppacher, Ch. Semrad, D.<br>'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties'<br><i>Nucl. Inst. Methods</i> , <b>B69</b> , 33-38 (1992)<br><i>Comment</i> : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb  | 1992-Eppa2<br>2161  |
| <b>2002</b>      | Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D.<br>'Experimental Studies of Heavy-Ion Slowing Down in Matter'<br><i>Nucl. Inst. Methods</i> , <b>B195</b> , 3-54 (2002)<br><i>Comment</i> : S. Summary of 18 Heavy Ion Stopping in 26 Targets  | 2002-Geis<br>3141   |