

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

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
<b>1969</b>	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev.</i> , 187, 478-90 (1969) <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	<b>1969-Chu</b> 0382
<b>1973</b>	Chu, W. K. Ziegler, J. F. Mitchell, I. V. Mackintosh, W. D. 'Energy-Loss Measurements of 4He Ions in Heavy Metals' <i>Appl. Phys. Letters</i> , 22, 437-39 (1973) <i>Comment</i> : S. 2.0 MeV He -> Al, Si, V, Fe, Co, Ni, Cu, In, Ge, Mo, Sb, Te, Gd, Hf, Ta, W, Ir, Pt, Au, Pb	<b>1973-Chu 3</b> 0124
<b>1973</b>	Ishiwari, R. Shiomi, N. Shirai, S. 'Tabulated Results of Stopping Power Measurements of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28.8 MeV Alpha Particles.' <i>J. Phys. Soc. Jap.</i> (1973). <i>Comment</i> : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au	<b>1973-Ishi</b> 0920
<b>1973</b>	Linker, G. Meyer, O. Gettings, M. 'Back-Scattering Energy Loss Parameters Measurements in Thin Metal Films' <i>Thin Solid Films</i> , 19, 177-185 (1973) <i>Comment</i> : S. 2 MeV He -> Ni, V, Ni, Mo, Ta	<b>1973-Link</b> 0501
<b>1978</b>	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Re-Evaluation of Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ.</i> , 56, 47-48 (1978) <i>Comment</i> : S, dS. 28 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au	<b>1978-Ishi3</b> 1169
<b>1982</b>	Mertens, P. Krist, Th. 'Stopping Ratios for 30 - 300 keV Ions with $1 \leq Z \leq 5$ ' <i>J. Appl. Phys.</i> , 53 (11), 7343 - 7349 (1982) <i>Comment</i> : S, H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn	<b>1982-Mert3</b> 1394
<b>1983</b>	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Z2 Stopping Power Oscillations as Derived from Range Measurements' <i>Nucl. Inst. Methods</i> , 218, 817-820 (1983) <i>Comment</i> : S, R, He, Li, B, N (50-1500 keV) -> Various Metals (V to Bi)	<b>1983-Fink</b> 1466
<b>1984</b>	Haight, R. C. Vonach, H. K. 'Alpha Particle Stopping Power for Titanium and Vanadium' <i>Nucl. Inst. Methods</i> , B1, 9 (1984) <i>Comment</i> : S, He (5.25-12 MeV) -> Ti, V	<b>1984-Haig</b> 1658
<b>1984</b>	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z \leq 5$ ' <i>Nucl. Inst. Methods</i> , B2, 119-122 (1984) <i>Comment</i> : S, H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi	<b>1984-Kris</b> 1467

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<b>2002</b>	Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i>	<table border="1"><tr><td><b>2002-Geis</b></td></tr><tr><td>3141</td></tr></table>	<b>2002-Geis</b>	3141
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<i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>				

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