

Stopping for Ion : **He** , Target = **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1905	Bragg, W. H. Kleeman, R. 'On the Alpha Particles of Radium and Their Loss of Range in Passing through Various Atoms and Molecules' <i>Phil. Mag., 10, 318-340 (1905)</i> <i>Comment : S. 7.7 MeV He -> H2, Al, Cu, Ag, Sn, Pt, Au, Hydrocarbons: All Rel. To Air</i>	1905-Brag 0024
1909	Taylor, T. S. 'On the Retardation of Alpha Rays by Metals and Gases' <i>Phil. Mag., 18, 604-619 (1909)</i> <i>Comment : S. 7.7 MeV He -> Au, Sn, Pb, Al, H2, Paper, Collodium, Rel. To Air</i>	1909-Tayl 0117
1928	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -> Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	1928-Rose 0110
1962	Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radioteknika I. Elek. (USSR), 7, 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)]</i> <i>Comment : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au</i>	1962-Gott 0159
1965	Hosono, K. Ishiwari, R. Uemura, Y. 'Measurement of Absolute Energy Loss of 28 MeV Alpha Particles in Various Materials' <i>Bull. Inst. Chem. Res. Kyoto Univ., 43, 323-29 (1965)</i> <i>Comment : S. 28 MeV He -> Au, Sn, Mylar</i>	1965-Hoso 0268
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia), 4, 549-55 (1966)[Engl. Trans. Sov. Phys. Nucl. Phys., 4, 390-94 (1967)]</i> <i>Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb</i>	1967-Vasi 0313
1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev., 187, 478-90 (1969)</i> <i>Comment : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn</i>	1969-Chu 0382
1980	Knudsen, H. Andersen, H. H. Martini, V. 'Hydrogen and Helium Stopping Powers of Rare-Earth Metals' <i>Nucl. Inst. Methods, 168, 41-50 (1980)</i> <i>Comment : S. H, He (0.2-2.0 MeV) -> La, Ce, Pr, Gd, Dy, Ho, Er, Yb, Sn, Bi</i>	1980-Knud 1410

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1988	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the $Z^{1/3}$ Correction and the Values of Mean Excitation Potential for 21 Metallic Elements' <i>Nucl. Inst. Methods, B33, 158 (1988)</i> <i>Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	1988-Saka 1752
1991	Raisanen, J. Rauhala, E. Bjornberg, M. Kiss, A. Z. Dominguez, J. 'Stopping Powers of Al and Sn for He, Li, B, C, N and O Ions in the Energy Range 0.5-2.6 MeV/amu' <i>Rad. Effects, 118 (2), 97-103 (1991)</i> <i>Comment : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn</i>	1991-Rais 1988
1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. 'Stopping Powers of Metallic Elements for High Energy Ions' <i>Rad. Effects, 117, 193-195 (1991)</i> <i>Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt</i>	1991-Saka 1753
1992	Eppacher, C. Semrad, D. 'The Effective Charge of He Ions in Metals' <i>Nucl. Inst. Methods, B67, 138-141 (1992)</i> <i>Comment : S. H, He (1-2.5 Vo) -> Ge, Sn and Pb</i>	1992-Eppa 1898
1992	Eppacher, Ch. Semrad, D. 'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties' <i>Nucl. Inst. Methods, B69, 33-38 (1992)</i> <i>Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb</i>	1992-Eppa2 2161