

Stopping for Ion : **H** , Target = **Ge**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1955	Green, D. W. Cooper, J. N. Harris, J. C. 'Stopping Cross Section of Metals for Protons of Energies from 400 to 1000 keV' <i>Phys. Rev.</i> , 98, 466-70 (1955) <i>Comment</i> : S. 0.4-1.0 MeV H -> Mn, Cu, Ge, Sn, Se, Ag, Sb, Au, Pb, Bi	1955-Gree 0059
1962	Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radioteknika I. Elek. (USSR)</i> , 7, 1956-61 (1962) [<i>Engl. Trans:Rad. Eng. and Electron Phys.</i> , 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott 0159
1965	Sattler, A. R. Dearnaley, G. 'Anomalous Energy Losses of Protons Channeled in Single Crystal Germanium' <i>Phys. Rev. Letters</i> , 15, 59-61 (1965) <i>Comment</i> : S, dS. 4.25 - 7.75 MeV H, 7.63 MeV D -> Ge (Cryst.)	1965-Satt2 0252
1966	Appleton, B. R. Altman, M. Feldman, L. C. Gibson, W. M. Erginsoy, C. 'Least Energy Loss and Its Dispersion for μ Channeled μ Protons in Silicon and Germanium Single Crystals' <i>Bull. Am. Phys. Soc.</i> , 11, 176 (1966) <i>Comment</i> : S, dS. 3-11 MeV H -> Si, Ge (Both Cryst.)	1966-Appl 0257
1967	Appleton, B. R. Erginsoy, C. Gibson, W. M. 'Channeling in the Energy Loss of 3-11 MeV Protons in Silicon and Germanium Single Crystals' <i>Phys. Rev.</i> , 161, 330-49 (1967) <i>Comment</i> : S. 3-11 MeV H -> Si, Ge (Both Cryst.). Chann. And Random	1967-Appl 0305
1968	Sattler, A. R. Dearnaley, G. 'Channeling in Diamond-Type and Zinc-Blende Lattices: Comparative Effects in Channeling of Protons and Deuterons in Ge, GaAs, and Si' <i>Phys. Rev.</i> , 161, 244-52 (1967)(Erratum, <i>Phys. Rev.</i> , 165, 750 (1968)) <i>Comment</i> : S. 4-7.6 MeV H, D -> Ge, GaAs, Si (All Cryst.)	1968-Satt 0308
1968	Shipatov, E. T. Kononov, B. A. 'Investigation of the Channeling of Protons in Single Crystals of Ionic Compounds and Semiconductors' <i>Izv. Vuz. Fiz. No. 9</i> , 52-56 (1968). [<i>Engl. Trans. Soviet Phys. J. No. 9</i> , 46-49, (1968)] <i>Comment</i> : S,dS. H (4.7-6.7 MeV) -> NaCl, KCl, KBr, Si, Ge (crystals)	1968-Ship2 0599
1968	Shipatov, E. T. Kononov, B. A. 'Energy Distribution of 6.72 MeV Protons Passing through Monocrystals.' <i>Atomnaya Energiya (USSR)</i> , 25, 439-40 (1968) [<i>Engl. Trans. Sov. Atom. Energy</i> , 25, 1254-55 (1968)]. <i>Comment</i> : S, dS. 6.72 MeV H -> NaCl, KCl, KBr, Si, Ge (All Cryst.)	1968-Ship3 0653

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1969	Arkhipov, E. P. Gott, Yu. V. 'Slowing Down of 0.5 - 30 keV Protons in Some Materials.' <i>Zh. Eksp. Teor. Fiz.</i> , 56, 1146-51 (1969). [Engl. Trans. Sov. Phys. JETP, 29, 615-18 (1969)] <i>Comment</i> : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi	1969-Ark 0410
1969	Gorodetzky, S. Pape, A. Coopermann, E. L. Chevallier, A. Sens, J. C. 'Pouvoir D'Arret Du Germanium Pour Des Protons D'Energie Comprise Entre 0.5 et 5.5 MeV' <i>Nucl. Inst. Methods</i> , 70, 11-12 (1969) <i>Comment</i> : S. 0.36 - 5.5 MeV H -> Ge	1969-Goro 0387
1969	Shipatov, E. T. 'Energy and Angular Distributions of Protons Transmitted by Germanium and Silicon Single Crystals Along (110) and (100) Channels in the Crystal Lattice' <i>Fiz. Tekh. Poluprovodnikov</i> , 2, 1690-91 (1968). [Engl. Trans. Sov. Phys. Semicond., 2, 1408-09 (1969)] <i>Comment</i> : S, dS. 6.72 MeV H -> Si, Ge (Both Cryst.)	1969-Ship2 0654
1970	Clark, G. J. Morgan, D. V. Poate, J. M. 'Energy Loss of Channeled Protons in the MeV Region, in D' W. Palmer, M. W. Thompson, P. D. Townsend: Atomic Collision Phenomena in Solids. North-Holland, Amsterdam, P. 388-99 (1970) <i>Comment</i> : S, dS. (4-8 MeV) H -> SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)	1970-Clar 0391
1976	Fich, O. Golovchenko, J. A. Nielsen, K. O. Uggerhoj, E. Vraast-Thomsen, C. 'Ionization Loss of Channeled 1.36 GeV/c Protons and Pions.' <i>Phys. Rev. Letters</i> , 36, 1245-48 (1976) <i>Comment</i> : S. 1.35 GeV/c H, Pi -> Ge (Cryst. Chan. And Random)	1976-Fich 0874
1978	Eckardt, J. C. 'Energy Loss and Straggling of Protons and Helium Ions Traversing Some Thin Solid Foils' <i>Phys. Rev. A</i> , 18, 426-433 (1978) <i>Comment</i> : S, dS. 20-260 keV H, He -> Ge, Se, Pd, Ag, Sb, Bi	1978-Ecka2 1154
1978	Marshall, R. E. ElFiqui, A. R. Kliwer, J. K. 'Measurement of Stopping Powers using Ion-Induced X-Ray Emission' <i>Nucl. Inst. Methods</i> , 150, 241-245 (1978) <i>Comment</i> : S. 100 keV H -> Sc, Ni, Cu, Ge	1978-Mars 1085
1979	Chumanov, V. Ya. Izmailov, Sh. Z. Pokhil, G. P. Sirotnin, E. I. Tulinov, A. F. 'On the Determination of Energy Losses by Charged Particles from the Backscattered Energy Spectra' <i>Phys. Stat. Sol. A</i> , 53, 51-62 (1979) <i>Comment</i> : S. 0.1-1.4 MeV H -> W, 0.1-0.25 MeV H -> Ge	1979-Chum 1236

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1980	Izmailov, Sh. Z. Sirotnin, E. I. Tulinov, A. F. 'Energy Loss of Protons in Si, Ge, and Mo' <i>Nucl. Inst. Methods, 168, 81-84 (1980)</i> <i>Comment : S, dS. .1-1 MeV H -> Si, Ge, Mo</i>	1980-Izma 1342
1984	Sirotnin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. 'Proton Energy Loss in Solids' <i>Nucl. Inst. Methods, B4, 337 (1984) -1</i> <i>Comment : S, H (0.1-6.0 MeV) -> Al, Si, Sc, V, Cu, Zn, Ga, Ge, Y, Zr, Nb, Mo, Ag, Cd, In, Sn, La, Sm, Gd, Yb, Hf, Ta, W, Pt, Au, Pb</i>	1984-Siro 1770
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
1996	Ikeda, A. Sumitomo, K. Nishioka, T. Kido, Y. 'Stopping Powers and Energy Straggling for 50-300 keV H in Amorphous Si and Ge Films' <i>Nucl. Inst. Methods, B115, 34-38 (1996)</i> <i>Comment : S, dS. H (50-300 keV) -> Si, Ge</i>	1996-Iked 2029