

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

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1952	Thompson, H. J. 'Effect of Chemical Structure on Stopping Powers for High-Energy Protons' <i>UCRL Rpt. 1910 (1952)</i> <i>Comment : S. Rel. To Cu. 270 MeV H -> H2, C, N2, O2, Cl2</i>	1952-Thom 0147
1968	Shipatov, E. T. Kononov, B. A. 'Influence of the Crystal Structure on the Loss of Energy by Fast Protons in Single Crystals of Alkali Halides' <i>Fiz. Tverd. Tela, 10, 854-57 (1968) [Engl. Trans. Sov. Phys. Solid State, 10, 670-72 (1968)]</i> <i>Comment : S, dS. 6.72 MeV H -> NaCl, KBr (Cryst.). Chann. And Random</i>	1968-Ship 0375
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, 52-56 (1968). [Engl. Trans. Soviet Phys. J. No. 9, 46-49, (1968)]</i> <i>Comment : S,dS. H (4.7-6.7 MeV) -> NaCl, KCl, KBr, Si, Ge (crystals)</i>	1968-Ship2 0599
1968	Shipatov, E. T. Kononov, B. A. 'Energy Distribution of 6.72 MeV Protons Passing through Monocrystals.' <i>Atomnaya Energiya (USSR), 25, 439-40 (1968) [Engl. Trans. Sov. Atom. Energy, 25, 1254-55 (1968)].</i> <i>Comment : S, dS. 6.72 MeV H -> NaCl, KCl, KBr, Si, Ge (All Cryst.)</i>	1968-Ship3 0653
1969	Shipatov, E. T. 'Channeling of High Energy Protons in Ionic Single Crystals' <i>Fiz. Tverd. Tela, 10, 2709-15 (1968). [Engl. Trans. Sov. Phys. Solid State, 10, 2132-37 (1969)]</i> <i>Comment : S,dS. 4.7, 6.7 MeV H -> NaCl, KCl, KBr (All. Cryst.). Random And Axial.</i>	1969-Ship 0402
1970	Clark, G. J. Morgan, D. V. Poate, J. M. 'Energy Loss of Channeled Protons in the MeV Region, in D' <i>W. Palmer, M. W. Thompson, P. D. Townsend: Atomic Collision Phenomena in Solids. North-Holland, Amsterdam, P. 388-99 (1970)</i> <i>Comment : S, dS. (4-8 MeV) H -> SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)</i>	1970-Clar 0391
1970	Mannami, M. Sakurai, T. Ozawa, K. Fujimoto, F. Komaki, K. 'Channeling of 1MeV Protons in Alkali Halide Crystals.' <i>Phys. Stat. Sol., 38, K1-K4 (1970)</i> <i>Comment : S,dS. L.5 MeV H -> NaCl, KCl, KBr, KI (All Cryst.)</i>	1970-Mann 0408
1981	Cecil, F. E. Fahlsing, R. F. Nelson, R. A. 'The Reaction Li6(d,n-gamma)Be7 and the Energy Loss of Low Energy Deuterons in Matter' <i>IEEE Trans. Nucl. Sci., NS-28, 1286 (1981)</i> <i>Comment : S. D (80-160 keV) -> Cl, F Relative stopping powers.</i>	1981-Ceci 1632

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1983	Baumgart, H. Berg, H. Huttel, E. Clausnitzer, G. 'Proton Stopping Cross-Sections and Mean Excitation Energies for Gaseous Cl ₂ and Br ₂ ' <i>Phys. Rev. A, 28 (5), 3109-3111 (1983)</i> <i>Comment : S. H (50-750 keV) -> Cl, Br (gases)</i>	1983-Baum2 1420
1984	Baumgart, H. Berg, G. Huttel, E. Praff, E. Reiter, G. 'Proton and Helium Stopping Cross Sections in Cl ₂ and Br ₂ ' <i>Nucl. Inst. Methods, B2, 145-148 (1984)</i> <i>Comment : S. H, He (50-1000 keV) -> Cl, Br (gases)</i>	1984-Baum2 1414
2009	Markin, S.N. Primetzhofer, D. Bauer, P. 'Vanishing electronic energy loss of very slow light ions in insulators with large band gaps ' <i>Phys. Rev. Lett. 103, 113201 (2009)</i> <i>Comment : S. H (0.5-8 keV), D (0.66-6 keV) -> KCl</i>	2009-Mark 3177