Stopping for Ion : H , Target = O

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1944	Gray, L. H. **'The Ionization Method of Measuring Neutron Energy'** ***Proc. Comb. Phil. Soc., 40, 72-102 (1944)*** *Comment : S. H, He (.25 -8 MeV) -> He, N, O, Ne, Ar, Air. Early paper on stopping and ionization effects of charged particles.*	**1944-Gray** 1578
1952	Thompson, H. J. **'Effect of Chemical Structure on Stopping Powers for High-Energy Protons'** ***UCRL Rpt. 1910 (1952)*** *Comment : S. Rel. To Cu. 270 MeV H -> H2, C, N2, O2, Cl2*	**1952-Thom** 0147
1953	Phillips, J. A. **'The Energy Loss of Low Energy Protons in Some Gases'** ***Phys. Rev., 90, 532-37 (1953)*** *Comment : S. 10-80 keV H -> H2, He, N2, O2, Ar, Kr, H2O, CO2, CCl4*	**1953-Phil** 0099
1953	Reynolds, H. K. Dunbar, D. N. F. Wenzel, W. A. Whaling, W. **'The Stopping Cross Section of Gases for Protons, 30-600 keV'** ***Phys. Rev., 92, 742-48 (1953)*** *Comment : S. 30-600 keV H -> H2, He, O2, Air, N2, Ne, Ar, Kr, Xe, Hydrocarbons.*	**1953-Reyn** 0103
1966	Mason, D. L. Prior, R. M. Quinton, A. R. **'The Energy Straggling of 1 MeV Protons in Gases'** ***Nucl. Inst. Methods, 45, 41-44 (1966)*** *Comment : dS. 1 MeV H -> H, He, N, O, Ar, Xe*	**1966-Maso** 0282
1970	Swint, J. B. Prior, R. M. Ramirez, J. J. **'Energy Loss of Protons in Gases'** ***Nucl. Inst. Methods, 80, 134-40 (1970)*** *Comment : S. 0.4-3.4 MeV H -> N2, Air, O2, Ne, Ar, Kr, CH4, CO2*	**1970-Swin** 0403
1975	Dose, V. Sele, G. **'Die Elektronische Bremmsvermogen von Stickstoff und Sauerstoff Fur Niederenergetische Protonen'** ***Z. Physik A, 272, 237-43 (1975)*** *Comment : S. 7-30 keV H -> O2, N2*	**1975-Dose** 0517
1975	Langley, R. A. **'Stopping Cross Sections for Helium and Hydrogen in H2, N2, O2 and H2S (0.3 - 2.5 MeV)'** ***Phys. Rev. B, 12, 3575-83 (1975)*** *Comment : S. 0.3-2.5 MeV H, He -> H2, N2, O2, H2S*	**1975-Lang** 0785
1977	Besenbacher, F. **'Stopping Power and Straggling for H and He Ions in Gas Targets'** ***Specialeopgave. Aarhus University (1977)*** *Comment : S. dS. 20-500 keV H, He -> H, He N, O, Ne, Ar, Kr, Xe, CO2*	**1977-Bese** 0954

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Besenbacher, F. Andersen, H. H. Hvelplund, P. Knudsen, H. **'Stopping Power of Swift Hydrogen and Helium Ions in Gases'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd. 40, 1-39 (1979)*** *Comment : S. 40 keV-1 MeV H And 100 keV-2.4 MeV He -> H2, He, N2, O2, CO2, Ne, Ar, Kr, Xe*	**1979-Bese** 1160
1979	Dennis, J. A. Powers, D. **'The Dependence of Stopping Power on Physical and Chemical States'** ***Preprint (1979) 8*** *Comment : S. H, He -> Gases (Review Of Current Data)*	**1979-Denn** 1193
1983	Baumgart, H. Arnold, W. Berg, H. Huttel, E. Clausnitzer, G. **'Proton Stopping Powers in Various Gases'** ***Nucl. Inst. Methods, 204, 597 (1983)*** *Comment : H (60-800 keV) -> H, He, N, O, Ne, Ar, Kr, Xe*	**1983-Baum** 1614
1983	Kido, Y. Hioki, T. **'Measurements of Energy Loss and Straggling for Fast H in Metals and their Compounds by Means of a Nuclear Resonant Reaction'** ***Phys. Rev. B, 27, 2667 (1983)*** *Comment : S, dS. H (600-1000 keV) -> Al, Cu, AlCu, Ti, TiO2, O, Ti, Se, In, Sb, InO, TiO*	**1983-Kido** 1691
1985	Borgesen, P. **'Measurements of the Stopping Power for keV Light Ions in Condensed Molecular Gases'** ***Nucl. Inst. Methods, B12, 73-79 (1985)*** *Comment : S. H, D (1-10 keV) -> H, D, N, O, CO (solids and gases)*	**1985-Borg** 1500
1987	Reiter, G. Baumgart, H. Kniest, N. Pfaff, E. Clausnitzer, G. **'Proton and Helium Stopping Cross-Sections in N2, O2, NO and N2O'** ***Nucl. Inst. Methods, B27, 287-292 (1987)*** *Comment : S. H, He (50-3000 keV) -> N, O, N2O, NO*	**1987-Reit** 1439
1990	Reiter, G. Kniest, N. Pfaff, E. Clausnitzer, G. **'Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH4'** ***Nucl. Inst. Methods, B44, 399-411 (1990)*** *Comment : S. H, He (0.7-3.0 MeV) -> H, He, N, O, Ne, Ar, Kr, Xe, CH4*	**1990-Reit** 1933
2000	Cabrera-Trujillo, R. Ohrn, Y. Deumens, E. Sabin, J. R. **'Stopping Cross Section in the Low to Intermediate Energy Range: Study of Proton and Hydrogen Atom Collisions with Atomic N, O, and F'** ***Phys. Rev. A, 62, 052714-1 (2000)*** *Comment : S. H, D (0 - 25 eV) -> N, O, F*	**2000-Cabr** 2346