

# Stopping for Ion : **H** , Target = **W**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev.</i> , 84, 489-92 (1951) <i>Comment</i> : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be,C, Al, Fe, Cu, Ag, Sn, W, Pb, U	1951-Bakk 0218
1957	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev.</i> , 106, 848-51 (1957) <i>Comment</i> : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th	1957-Burk 0149
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</i> : S, dS. (4-8 MeV) H -> SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)	1970-Clar 0391
1972	Leminen, E. 'Stopping Power of Ti, Mo, Ta, and W for 0.5 to 1.75 MeV Protons.' <i>Ann. Acad. Sci. Fenn. Ser. A Vi, Phys. No. 386, 1-14 (1972)</i> <i>Comment</i> : S. 0.5-1.75 MeV H -> Ti, Mo, Ta, W	1972-Lemi 0493
1972	Sirotninen, E. I. Tulinov, A. F. Fiderkevich, A. Shyshkin, K. S. 'The Determination of Energy Losses from the Spectrum of Particles Scattered by a Thick Target' <i>Rad. Effects</i> , 15, 149-52 (1972) <i>Comment</i> : S (1-6 MeV) H, He -> W, Pb, Ta, Mo, W, Ag, Yb, Ce.	1972-Siro 0486
1974	Rudnev, A. Shyskin, K. S. Sirotinin, E. I. Tulinov, A. F. 'The Determination of Energy Losses of Channelled Particles from the Backscattering Spectra' <i>Rad. Effects</i> , 22, 29-33 (1974) <i>Comment</i> : S. 6.3 MeV H -> W (Cryst.)	1974-Rudn 0633
1976	Pokhil, G. P. Rudnev, A. S. Sirotinen, E. I. Tulinov, A. F. 'Energy Losses of Protons Moving in the Planar Channel' <i>Rad. Effects</i> , 30, 167-70 (1976) <i>Comment</i> : S. 6.3 MeV H -> W (Cryst. Chann. To Random Ratio)	1976-Pokh 0918
1976	Rudnev, A. S. Rolyakov, V. I. Sirotinen, E. I. Tulinov, A. F. 'A Study of Relative Energy Losses of Channeled Protons in a Tungsten Single Crystal' <i>Phys. Stat. Sol. A</i> , 35, K23-27 (1976) <i>Comment</i> : S, dS. 6.3 MeV H -> W (Cryst.)	1976-Rudn 0889

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<b>Pub. Year</b>	<b>Authors, Title, Journal Citation and Comments</b>	<b>Citation Numb</b>
<b>1979</b>	Luomajarvi, M. 'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.' <i>Rad. Effects, 40, 173-179 (1979)</i> <i>Comment : S. 0.3-1.5 MeV H -&gt; Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i>	<b>1979-Luom</b> 1205
<b>1984</b>	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) -&gt; 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>	<b>1984-Siro</b> 1770
<b>1991</b>	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. 'Energy Loss and Straggling Measurements of Ions in Solid Absorbers' <i>Nucl. Inst. Methods, B59/60, 13-17 (1991)</i> <i>Comment : S, dS. H, Li, C(7-49 MeV) -&gt; Al, Ti, Ni, Ag, W, Au</i>	<b>1991-Anto</b> 1909
<b>1992</b>	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i> <i>Comment : S. H (70 MeV) -&gt; C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i>	<b>1992-Bich2</b> 1624