

Citations for Ion = **H** , Target = **Ta**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1941	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev.</i> , 60, 749-53 (1941) <i>Comment</i> : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.	1941-Wils 0136
1949	Teasdale, J. G. 'Stopping of Various Elements Relative to Aluminum for 12 MeV Protons' <i>Univ. of Calif. at Los Angeles, Rpt.Np 1368, 1-16 (1949)</i> <i>Comment</i> : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th	1949-Teas 0122
1951	Sachs, D. C. Richardson, J. R. 'The Absolute Energy Loss of 18 MeV Protons in Various Materials' <i>Phys. Rev.</i> , 83, 834-837 (1951) <i>Comment</i> : S. H (18 MeV) -> Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.	1951-Sach 1748
1955	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz.</i> , 28, 651-54 (1955) [<i>Engl. Trans. Sov. Phys. JETP</i> , 1, 435-38 (1955)] <i>Comment</i> : R. 1-7 MeV H -> Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al	1955-Ryba 0111
1955	Sonett, C. P. Mackenzie, K. R. 'Relative Stopping Power of Various Metals for 20 MeV Protons' <i>Phys. Rev.</i> , 100, 734-32 (1955) <i>Comment</i> : S. 20.6 MeV H -> Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.	1955-Sone 0116
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
1969	Andersen, H. H. Simonsen, H. Sorensen, H. 'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula' <i>Nucl. Phys.</i> , 125, 171-75 (1969) <i>Comment</i> : S. 5-13 MeV H, D; 8-20 MeV ³ He, ⁴ He -> Al, Ta	1969-Ande 0374
1969	Andersen, H. H. Simonsen, H. Sorensen, H. Vajda, P. 'Stopping Power of Zr, Gd, and Ta for 5-12 MeV Protons and Deuterons: Further Evidence for an Oscillatory Behaviour of the Excitation Potential' <i>Phys. Rev.</i> , 186, 372-75, (1969) <i>Comment</i> : S. 5-12 MeV H, D -> Zr, Gd, Ta	1969-Ande2 0404
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

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1972	<p>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, 15, 149-52 (1972)</i></p> <p><i>Comment : S (1-6 MeV) H, He ->W, Pb, Ta, Mo, W, Ag, Yb, Ce.</i></p>	<table border="1"> <tr><td style="text-align: center;">1972-Siro</td></tr> <tr><td style="text-align: center;">0486</td></tr> </table>	1972-Siro	0486
1972-Siro				
0486				
1973	<p>Behrisch, R. Schertzer, B. M. U. 'Rutherford Backscattering as a Tool to Determine Electronic Stopping Powers in Solids' <i>Thin Solid Films, 19, 247-257 (1973)</i></p> <p><i>Comment : S. 50-150 keV H -> Nb, Ta, Ta2O5</i></p>	<table border="1"> <tr><td style="text-align: center;">1973-Behr</td></tr> <tr><td style="text-align: center;">0508</td></tr> </table>	1973-Behr	0508
1973-Behr				
0508				
1974	<p>Ishiwari, R. Shiomi, N. Shirai, S. Uemara, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn and Au for 7.2 MeV Protons' <i>Bull. Inst. Chem. Res. Kyoto Univ., 52, 19-39 (1974)</i></p> <p><i>Comment : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1974-Ishi2</td></tr> <tr><td style="text-align: center;">0443</td></tr> </table>	1974-Ishi2	0443
1974-Ishi2				
0443				
1974	<p>Ishiwari, R. Shiomi, N. Shirai, S. Uemura, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta and Au for 7.2 MeV Protons' <i>Phys. Letters, 48A, 96-98 (1974)</i></p> <p><i>Comment : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1974-Ishi3</td></tr> <tr><td style="text-align: center;">1673</td></tr> </table>	1974-Ishi3	1673
1974-Ishi3				
1673				
1976	<p>Armitage, B. H. Trehan, P. N. 'Energy Loss Straggling of Protons in Thick Absorbers' <i>Nucl. Inst. Methods, 134, 359-62 (1976)</i></p> <p><i>Comment : dS. 6-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1976-Armi2</td></tr> <tr><td style="text-align: center;">0866</td></tr> </table>	1976-Armi2	0866
1976-Armi2				
0866				
1977	<p>Ishiwari, R. Shiomi, N. Shirai, S. 'Stopping Powers for Protons in 16 Metallic Elements' <i>Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)</i></p> <p><i>Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1977-Ishi</td></tr> <tr><td style="text-align: center;">1102</td></tr> </table>	1977-Ishi	1102
1977-Ishi				
1102				
1979	<p>Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 67.5 MeV Protons.' <i>Phys. Letters, 75A, 112-114 (1979)</i></p> <p><i>Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1979-Ishi2</td></tr> <tr><td style="text-align: center;">1349</td></tr> </table>	1979-Ishi2	1349
1979-Ishi2				
1349				
1979	<p>Luomajarvi, M. 'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.' <i>Rad. Effects, 40, 173-179 (1979)</i></p> <p><i>Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1979-Luom</td></tr> <tr><td style="text-align: center;">1205</td></tr> </table>	1979-Luom	1205
1979-Luom				
1205				
1982	<p>Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Metallic Elements for 6.75 MeV Protons' <i>Nucl. Inst. Methods, 194, 61-65 (1982)</i></p> <p><i>Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1982-Ishi</td></tr> <tr><td style="text-align: center;">1675</td></tr> </table>	1982-Ishi	1675
1982-Ishi				
1675				

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1983	Krist, Th. Mertens, P. 'Proton Energies at the Maximum of the Electronic Stopping Cross Section in Materials with 57 <Z2<83' <i>Nucl. Inst. Methods, 218, 790-794 (1983)</i> Comment : S. H (30-350 keV) -> La, Nd, Tb, Dy, Lu, Ta, Re, Ir, Pt, Au, Bi	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1983-Kris2</td></tr> <tr><td style="text-align: center;">1440</td></tr> </table>	1983-Kris2	1440
1983-Kris2				
1440				
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Geometrical Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of 7 MeV Protons in Be, Al, Cu, Ag and Ta' <i>Phys. Rev. A, 30, 82 (1984)</i> Comment : S. H (7 MeV) -> Be, Al, Cu, Ag, Ta (Angular effects)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1984-Ishi3</td></tr> <tr><td style="text-align: center;">1679</td></tr> </table>	1984-Ishi3	1679
1984-Ishi3				
1679				
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> 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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1984-Siro</td></tr> <tr><td style="text-align: center;">1770</td></tr> </table>	1984-Siro	1770
1984-Siro				
1770				
1988	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, TA, Pt and Au for 6.5 MeV Protons' <i>Nucl. Inst. Methods, B31, 503 (1988)</i> Comment : S. H (6.5 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au (mean excitation energies)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1988-Ishi2</td></tr> <tr><td style="text-align: center;">1682</td></tr> </table>	1988-Ishi2	1682
1988-Ishi2				
1682				
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> Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1991-Saka</td></tr> <tr><td style="text-align: center;">1753</td></tr> </table>	1991-Saka	1753
1991-Saka				
1753				
1992	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i> Comment : S. H (70 MeV) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1992-Bich2</td></tr> <tr><td style="text-align: center;">1624</td></tr> </table>	1992-Bich2	1624
1992-Bich2				
1624				
1994	Shiomi Tsuda, N. Sakamoto, N. Ishiwari, R. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 13 MeV Deuterons' <i>Nucl. Inst. Methods, B93, 391-398 (1994)</i> Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1994-Shio</td></tr> <tr><td style="text-align: center;">2051</td></tr> </table>	1994-Shio	2051
1994-Shio				
2051				
1996	Shiomi Tsuda, N. Sakamoto, N. Ogawa, H. 'Stopping Powers of Ta and Mo for MeV Protons' <i>Nucl. Inst. Methods, B115, 88-92 (1995)</i> Comment : S. H (4.0 - 20 MeV) -> Ta, Mo	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">1996-Shio</td></tr> <tr><td style="text-align: center;">1536</td></tr> </table>	1996-Shio	1536
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1536				

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1997	Moller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Antiprotons of Light and Heavy Targets' <i>Phys. Rev. A, 56, 2930-2939 (1997)</i> <i>Comment : S. H- (50 - 700 keV) -> Al,Si,Ti,Cu,Ag,Ta,Pt,Au</i>	1997-Moll 2364