

Citations for Target :

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
	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
1959	Zrellov, V. P. Stoletov, G. D. 'Range-Energy Relation for 660 MeV Protons' <i>Zh. Eksp. Teor. Fiz.</i> , 36, 664-72 (1959) [<i>Engl. Trans. Sov. Phys. JETP</i> , 9, 461-67 (1959)] <i>Comment</i> : R. 660 MeV H -> Cu. S Rel. To Cu, 635 MeV H -> H, Be, C, Fe, Cd, W	1959-Zrel 0222
	Burt, R. B. Colligon, J. S. Lech, J. H. 'Sorption and Replacement of Ionized Noble Gases at a Tungsten Surface' <i>Brit. J. Appl. Phys.</i> , 12, 396-400 (1961) <i>Comment</i> : R. 2.7 keV Ar, Kr -> W	1961-Burt 0199
1963	Bergstrom, I. Davies, J. A. Domeij, B. Uhler, J. 'The Range of Rn222 Ions of keV Energies in Aluminum and Tungsten' <i>Arkiv. Fysik</i> , 24, 389-98 (1963) <i>Comment</i> : R, dR. 2-450 keV 222Rn -> Al, W	1963-Berg 0154
	Davies, J. A. Domeij, B. Uhler, J. 'The Range of Kr85 Ions in Aluminum and Tungsten in the Energy Interval 2-600 keV' <i>Arkiv. Fysik</i> , 24, 377-88 (1963) <i>Comment</i> : R, dR. 2-600 keV 85Kr -> Al, W (Both Cryst.)	1963-Davi2 0158
1963	Domeij, B. Bergstrom, I. Davies, J. A. Uhler, J. 'A Method of Determining Heavy Ion Ranges by Analysis of Alpha-Line Shapes' <i>Arkiv. Fysik</i> , 24, 399-411 (1963) <i>Comment</i> : R, dR. 222Rn 140-210 keV -> Al, 70-210 keV -> W, 133 keV -> Ag, Au	1963-Dome 0298
	Graham, R. L. Brown, F. Davies, J. A. Pringle, J. P. S. 'A New Method for Measuring the Depths of Embedded Radiotracer Atoms using a Precision Beta-Ray Spectrometer' <i>Can. J. Phys.</i> , 41, 1686-1701 (1963) <i>Comment</i> : R. 1-40 keV 125Xe -> Al, W, Au	1963-Grah 0160

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1963	McCargo, M. Davies, J. A. Brown, F. 'Range of Xe133 and Ar41 Ions of keV Energies in Tungsten' <i>Can. J. Phys.</i> , 41, 1231-44 (1963)	1963-McCa2 0162
	<i>Comment</i> : R, dR. 2-200 keV 133Xe, 41Ar -> W, 40 keV 85Kr -> WO3	
1963	Nakano, G. H. Mackenzie, K. R. Bichsel, H. 'Relative Stopping Power of Some Metallic Elements for 28 MeV Protons.' <i>Phys. Rev.</i> , 132, 291-93 (1963)	1963-Naka 0146
	<i>Comment</i> : S. Rel. To Al. 28.7 MeV H -> Be, Ti, V, Co, Ni, Cu, Ag, Ta, W, Ir, Au	
1963	Uhler, J. Domeij, B. Borg, S. 'Range Distributions of W187 Ions of keV Energies in Tungsten' <i>Arkiv. Fysik</i> , 24, 413-19 (1963)	1963-Uhle 0165
	<i>Comment</i> : R, dR. 1.6-127 keV 187W -> W	
1964	Domeij, B. Brown, F. Davies, J. A. Piercy, G. R. Kornelsen, E. V. 'Anomalous Penetration of Heavy Ions of keV Energies in Monocrystalline Tungsten' <i>Phys. Rev. Letters</i> , 12, 363-66 (1964)	1964-Dome 0172
	<i>Comment</i> : R, dR. 1-40 keV 125Xe -> W (Cryst.)	
1964	Kornelsen, E. V. Brown, F. Davies, J. A. Domeij, B. Piercy, G. R. 'Penetration of Heavy Ions of keV Energies into Monocrystalline Tungsten' <i>Phys. Rev. A</i> , 136, 849-58 (1964)	1964-Korn 0183
	<i>Comment</i> : R, dR. 0.3-160 keV 24Na, 41Ar, 85Kr, 125Xe, 138Xe -> W	
1965	Ball, G. C. Brown, F. 'The Range of 133Xe and 134Cs in Tungsten Single Crystals and Tungsten Oxide at Energies of 40 and 125 keV' <i>Can. J. Phys.</i> , 43, 676-80 (1965)	1965-Ball 0202
	<i>Comment</i> : R, dR. 133Xe, 134Cs 40, 125 keV -> W, Wo3	
1965	Brown, F. Ball, G. C. Channing, D. A. Howe, L. M. Pringle, J. P. S. 'Ranges of Heavy Ions' <i>Nucl. Inst. Methods</i> , 38, 249-53 (1965)	1965-Brow 0613
	<i>Comment</i> : R, dR. (20-150 keV) Na, K, Kr, Xe, Rb, Ce, Hg, Au -> Au, W, Si, Al, UO2 (Crystals)	
1965	Davies, J. A. Erikson, L. Jespersgaard, P. 'The Range of Heavy Ions (0.1 - 1.5 MeV) in Monocrystalline Tungsten.' <i>Nucl. Inst. Methods</i> , 38, 245-48 (1965)	1965-Davi 0286
	<i>Comment</i> : R, dR. 0.1 - 1.5 MeV Na, P, K, Kr, Xe -> W (Cryst.)	
1966	Davies, J. A. Jespersgard, P. 'Anomalous Penetration of Xenon in Tungsten Crystals - A Diffusion Effect' <i>Can. J. Phys.</i> , 44, 1631-38 (1966)	1966-Davi 0263
	<i>Comment</i> : R, dR. 20 keV Xe -> W (Cryst.)	

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1966	Hermann, H. Lutz, H. Sizmann, R. 'Zur Eindringtiefe von 70 keV - Krypton - Ionen in Wolfram-Einkristallen' <i>Z. Naturforschg. 21A, 365-66 (1966)</i> <i>Comment : R, dR. 70 keV 85Kr -> W (Cryst.)</i>	1966-Herm 0265
	Almodovar, J. Paez-Mozo, E. Gaeta, R. 'Range in Tungsten of Ba-140 Fragments from the Thermal Neutron-Induced Fission of Enriched Uranium' <i>J. Inorg. Nucl. Chem., 29, 2831-37 (1967)</i> <i>Comment : R. 100 MeV 140Ba -> W</i>	1967-Almo 0760
1967	Anderson, G. S. 'Etching Rate of an Ion-Bombarded Tungsten (110) Surface' <i>J. Appl. Phys., 38, 1989-91 (1967)</i> <i>Comment : R. 5 keV Kr -> W</i>	1967-Ande2 0297
	Erikson, L. 'Range Measurements in Oriented Tungsten Single Crystals (0-1.0 MeV). Part II: A Detailed Study of the Channeling of K42 Ions.' <i>Phys. Rev., 161, 235-44 (1967)</i> <i>Comment : R, dR. 0.07 - 1.0 MeV 42K -> W (Cryst.)</i>	1967-Erik 0302
1967	Howe, L. M. Channing, D. A. 'Effect of Temperature on the Penetration of Heavy keV Ions in Monocrystalline Solids 2. Various Ions in Au, Al and W.' <i>Can. J. Phys., 45, 2467-82 (1967)</i> <i>Comment : R, dR. (40-94 keV) Au, Kr, Na, Xe -> Au, Al, W (Cryst.)</i>	1967-Howe 0304
	Davies, J. A. Erikson, L. Whitton, J. L. 'Range Measurements in Oriented Tungsten Single Crystals. 3 the Influence of Temperature on the Maximum Range.' <i>Can. J. Phys., 46, 573-79 (1968)</i> <i>Comment : R, dR, Rmax. 40 keV 42K -> W (Cryst.)</i>	1968-Davi2 0336
1968	Whitton, J. L. 'The Depth Distribution of 40 keV 133Xe Ions in Various Single Crystals' <i>Can. J. Phys., 46, 581-86 (1968)</i> <i>Comment : R, dR. 40 keV 133Xe -> Ta, W, Al, Cu, Au, Ir (All Cryst.)</i>	1968-Whit2 0335
	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

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1970	Mory, J. DeGuilebon, D. Delsarte, G. 'Mesure Du Parcours Moyen Des Fragments De Fission Avec Le Mica Comme Detecteur-Influence De La Texture Cristalline' <i>Rad. Effects, 5, 37-40 (1970)</i> <i>Comment : R. Fiss. Fragm. -> Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au</i>	1970-Mory 0419
1970	Santry, D. C. Sitter, C. W. 'Range and Retention Studies of 40-keV Ions in Solids, in H' <i>Wagner, W. Walcher (Ed.) Proc. Int. Conf. Elmag. Isotope Separators and Their Techniques. Marburg, P. 505-24 (1970)</i> <i>Comment : R, dR. 40 keV C, O, P, Co, Tl, Na, P, Co, Zn, Se, Kr, Hf, Cs, Ag, I, Xe -> Au, W, WO3</i>	1970-Sant 0881
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 : S. 0.5-1.75 MeV H -> Ti, Mo, Ta, W</i>	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, 15, 149-52 (1972)</i> <i>Comment : S (1-6 MeV) H, He -> W, Pb, Ta, Mo, W, Ag, Yb, Ce.</i>	1972-Siro 0486
1973	Chu, W. K. Ziegler, J. F. Mitchell, I. V. Mackintosh, W. D. 'Energy-Loss Measurements of 4He Ions in Heavy Metals' <i>Appl. Phys. Letters, 22, 437-39 (1973)</i> <i>Comment : S. 2.0 MeV He -> Al, Si, V, Fe, Co, Ni, Cu, In, Ge, Mo, Sb, Te, Gd, Hf, Ta, W, Ir, Pt, Au, Pb</i>	1973-Chu 3 0124
1973	Lepeshinskaya, V. N. Zarutskii, E. M. Artemov, A. D. 'Diffusion Method of Determining Ion Penetration Depth in Refractory Metals' <i>Radioteknika I. Elek. (USSR), 18, 886-88 (1973). [Engl. Trans. Rad. Eng. and Electron. Phys., 18, 649-51, (1973).</i> <i>Comment : R. 4-9 keV Cs -> W</i>	1973-Lepe 0701
1973	Lin, W. K. Olson, H. G. Powers, D. 'Alpha-Particle Stopping Cross Section of Solids from 0.3 to 2.0 MeV.' <i>Phys. Rev. B, 8, 1881-88 (1973)</i> <i>Comment : S. 0.3-2.0 MeV He -> Se, Y, Zr, Nb, Mo, Sb, Te, La, Dy, Ta, W, Au</i>	1973-Lin 2 0500
1974	Baglin, J. E. E. Ziegler, J. F. 'Tests of Bragg's Rule for Energy Loss of 4He Ions in Solid Compounds' <i>J. Appl. Phys., 45, 1413-1415 (1974)</i> <i>Comment : S. He (2 MeV) -> Si, Rh, Hf, Al, W, C, and many compounds</i>	1974-Bagl 1583
1974	Borders, J. A. 'Helium Ion Stopping Cross Sections in Bismuth, Lead and Tungsten' <i>Rad. Effects, 21, 165-69 (1974)</i> <i>Comment : S. 0.4-1.9 MeV He -> Bi, Pb, W</i>	1974-Bord 0548

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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, 22, 29-33 (1974)</i> <i>Comment : S. 6.3 MeV H -> W (Cryst.)</i>	1974-Rudn 0633
1974	Whitton, J. 'The Dependence of Electronic Stopping Cross Section of 42K on Different Target Materials' <i>Can. J. Phys., 52, 12-16 (1974)</i> <i>Comment : Rmax. 55 keV 42K -> Cu, Ag, Au, V, Mo, Nb, Ta, W (All Cryst.)</i>	1974-Whit 0630
1975	Leminen, E. Fontell, A. 'Stopping Power of Ti, Mo, Ag, Ta and W for 0.5 - 1.75 MeV 4He Ions.' <i>Rad. Effects, 22, 39-44 (1975)</i> <i>Comment : S. 0.5-1.75 MeV He -> Ti, Mo, Ag, Ta, W</i>	1975-Lemi 0634
1975	Neshev, F. G. Puzanov, A. A. Shyshkin, K. S. Sirotinin, E. I. Tulinov, A. F. 'The Determination of Energy Losses of Nitrogen Ions from Backscattering Spectra' <i>Rad. Effects, 25, 271-73 (1975)</i> <i>Comment : S. 1.0-7.4 MeV N -> Ti, Ge, Ni, Ag, Au, W</i>	1975-Nesh 0782
1976	Centmayer, F. Sizmann, R. 'Thermal Formation of the Supertail in the Implantation Profile of Krypton in Single Crystalline Tungsten' <i>Rad. Effects, 28, 49-55 (1976)</i> <i>Comment : R, dR. 27 keV Kr -> W (Cryst.)</i>	1976-Cent 0884
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, 30, 167-70 (1976)</i> <i>Comment : S. 6.3 MeV H -> W (Cryst. Chann. To Random Ratio)</i>	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, 35, K23-27 (1976)</i> <i>Comment : S, dS. 6.3 MeV H -> W (Cryst.)</i>	1976-Rudn 0889
1978	Keinonen, J. Hautala, M. Luomajarvi, M. Anttila, A. Bister, M. 'Ranges of 27Al+ Ions in Nine Metals Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 39, 189-193 (1978)</i> <i>Comment : R, dR. 27Al -> Ti, Ni, Cu, Mo, Ag, Ta, W, Au, Pb</i>	1978-Kein 1204

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1979	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 -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i>	1979-Luom 1205
1979	Seidman, D. 'The Study of Defects and Radiation Damage in Solids by Field-Ion and Atom-Probe Microscopy' <i>Preprint (1979) 12</i> <i>Comment : R, dR, 100-200 keV He -> W</i>	1979-Seid 1372
1979	Wagner, A. Seidman, D. N. 'Range Profiles of 300- and 475-eV 4He Ions and the Diffusivity of 4He in Tungsten' <i>Phys. Rev. Letters, 42, 515-518 (1979)</i> <i>Comment : R, dR. 0.3 And 0.475 keV 4He+ -> W</i>	1979-Wagn 1150
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1980-Land3 1453
1981	Amano, J. Wagner, A. Seidman, D. N. 'Range Profiles of Low-Energy (100-1500eV) Implanted He-3 and He-4 Atoms in Tungsten - Analysis and Discussion' <i>Phil. Mag. A, 44, 199-200 (1981)</i> <i>Comment : R. He3, He4 (0.1-1.5 keV) -> W</i>	1981-Aman 2151
1981	Amano, J. Wagner, A. Seidman, D. N. 'Range Profiles of Low-Energy (100-1500eV) Implanted He-3 and He-4 Atoms in Tungsten - Experimental Results' <i>Phil. Mag. A, 44, 177-198 (1981)</i> <i>Comment : R. He3, He4 (0.1-1.5 keV) -> W</i>	1981-Aman2 2150
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
1985	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1985-Land 1454

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1987	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> <i>Comment : R. He-3 (50-1500 keV) -> Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO2</i>	1987-Fink 1645
1989	Bauer, G. H. Antolak, A. J. Pantau, A. E. Morse, D. H. Heikkinen, D. W. 'Proton Energy Straggling Measurements in Al, Ti, Ag and W Foils' <i>Nucl. Inst. Methods, B43, 497 (1989)</i> <i>Comment : dS. H (2-7 MeV) -> Al, Ti, Ag, W</i>	1989-Bauc 1607
1990	Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Power for Low Velocity Heavy Ions: 0-1.0 MeV Mg Ions in 17 (z2=22-79) Elemental Solids' <i>Phys. Rev. B, 41, 6117-6123 (1990)</i> <i>Comment : S. Mg (0-1.0 MeV/amu) -> Ti, V, Fe, Co, Ni, Cu, Ge, Nb, Mo, Pd, Ag, Hf, Ta, W, Re, Pt, Au</i>	1990-Arst 1923
1991	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) -> Al, Ti, Ni, Ag, W, Au</i>	1991-Anto 1909
1992	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) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i>	1992-Bich2 1624
1996	Haussalo, P. Nordlund, K. Keinonen, J. 'The Stopping Power of 5-100 keV He in Ta, Nb, W and Steel' <i>Nucl. Inst. Methods, B111, 1-6 (1996)</i> <i>Comment : S. He (5-100 keV) -> Ta, Nb, W, Steel</i>	1996-Haus 1821
2002	Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i> <i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>	2002-Geis 3141