

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1905	Bragg, W. H. Kleeman, R. 'On the Alpha Particles of Radium and Their Loss of Range in Passing through Various Atoms and Molecules' <i>Phil. Mag., 10, 318-340 (1905)</i> <i>Comment : S. 7.7 MeV He -> H2, Al, Cu, Ag, Sn, Pt, Au, Hydrocarbons: All Rel. To Air</i>	1905-Brag 0024
1911	Rutherford, E. 'The Scattering of Alpha and Beta Particles by Matter and the Structure of the Atom' <i>Phil. Mag., Series 6, 21, 669-688 (1911)</i> <i>Comment : Theory. Derives masses of Al(27), Cu(63), Ag(108) and Pt(194) from stopping and scattering.</i>	1911-Ruth 1998
1913	Marsden, E. Richardson, H. 'The Retardation of Alpha Particles by Metals' <i>Phil. Mag., 25, 184-193 (1913)</i> <i>Comment : R. 4-8 MeV He -> Al, Cu, Ag, Sn, Pt, Au, Mica Rel. To Air</i>	1913-Mars 0087
1913	Marsden, E. Taylor, T. S. 'The Decrease in Velocity of Alpha-Particles in Passing through Matter' <i>Proc. Roy. Soc., A88, 443-454 (1913)</i> <i>Comment : S. 5-8 MeV He -> Al, Cu, Au, Air, Mica</i>	1913-Mars2 0088
1920	VonTraubenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -> H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	1920-VonT 0123
1925	Henderson, D. 'The Capture and Loss of Electrons by Alpha-Particles' <i>Proc. Royal Soc., 109, 157-165 (1925)</i> <i>Comment : S. He (5-7 MeV) -> Air</i>	1925-Hend 1991
1926	Consigny, J. 'Pouvoir D'Arret De Quelques Metaux Pour Les Rayons Alpha' <i>C. R. Acad. Sci., 183, 127-29 (1926)</i> <i>Comment : S Rel. To Air. 5.3 MeV He -> Al, Cu, Ag, Au</i>	1926-Cons 0618
1928	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -> Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	1928-Rose 0110

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1936	Batzner, H. 'Uber Die Geschwindigkeitsabnahme von H-Kanalstrahlen in Metallen' <i>Ann. Physik, 25, 233-262 (1936)</i> <i>Comment : S. 4-60 keV H -> Al, Cu, Ag, Sn, Au</i>	1936-Batz 0407
1941	Brunings, J. H. Knipp, J. K. Teller, E. 'On the Momentum Loss of Heavy Ions' <i>Phys. Rev., 60, 657-660 (1941)</i> <i>Comment : Theory. Heavy ion charge state vs. velocity.</i>	1941-Brun 1949
1941	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev., 60, 749-53 (1941)</i> <i>Comment : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.</i>	1941-Wils 0136
1949	Kelly, E. L. 'Experimental Determination of Stopping Powers using Alpha-Particles of 15-37 MeV' <i>Phys. Rev., 75, 1006-07 (1949)</i> <i>Comment : S. 28, 37 MeV He -> Cu, Ag, Ta, Bi, Th Rel. To Al</i>	1949-Kell 0077
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 : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th</i>	1949-Teas 0122
1949	Warshaw, S. D. 'The Stopping Power of Protons in Several Metals' <i>Phys. Rev., 76, 1759-65 (1949)</i> <i>Comment : S. 50-400 keV H -> Be, Al, Cu, Ag, Au</i>	1949-Wars 0129
1951	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev., 84, 489-92 (1951)</i> <i>Comment : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be,C, Al, Fe, Cu, Ag, Sn, W, Pb, U</i>	1951-Bakk 0218
1951	Bloembergen, N. VanHerden, P. J. 'The Range and Stragglng of Protons Between 35 and 120 MeV' <i>Phys. Rev., 83, 561-66 (1951)</i> <i>Comment : R, dR. 35-120 MeV H -> Al, Cu, Pb</i>	1951-Bloe 0761
1951	Heller, Z. H. Tendam, D. J. 'The Stopping Power of Metals and Semiconductors' <i>Phys. Rev., 84, 905-09 (1951)</i> <i>Comment : S. 9 MeV D -> Si, Ni, Cu, Ge, Zr, Rh, Ag, Sn, Air Rel. To Al</i>	1951-Hell 0067

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Mather, R. Segre, E. 'Range-Energy Relation for 340 MeV Protons' <i>Phys. Rev.</i> , 84 , 191-93 (1951) <i>Comment</i> : R. 340 MeV H -> Be, C, Al, Cu, Sn, Pb	1951-Math 0209
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
1953	Kahn, D. 'The Energy Loss of Protons in Metallic Foils and Mica' <i>Phys. Rev.</i> , 90 , 503-09 (1953) <i>Comment</i> : S. 400-1350 keV H -> Be, Al, Cu, Au, Mica	1953-Kahn 0076
1953	Madsen, C. B. 'Proton Stopping Power and Energy Straggling of Protons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 27 , No. 13, 1-21 (1953) <i>Comment</i> : S. dS. 350-2000 keV H -> Be, Al, Cu, Ag, Mica	1953-Mads 0084
1954	Chilton, A. B. Cooper, J. N. Harris, J. C. 'The Stopping Power of Various Elements for Protons of Energies from 400 to 1050 keV' <i>Phys. Rev.</i> , 93 , 413-18 (1954) <i>Comment</i> : S. 400-1050 keV H -> N ₂ , Ne, Ar, Kr, Xe, Ni, Cu	1954-Chil 0032
1955	Green, D. W. Cooper, J. N. Harris, J. C. 'Stopping Cross Section of Metals for Protons of Energies from 400 to 1000 keV' <i>Phys. Rev.</i> , 98 , 466-70 (1955) <i>Comment</i> : S. 0.4-1.0 MeV H -> Mn, Cu, Ge, Sn, Se, Ag, Sb, Au, Pb, Bi	1955-Gree 0059
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
1956	Bader, M. Pixley, R. E. Moser, F. J. Whaling, W. 'Stopping Cross Sections of Solids for Protons, 50-600 keV' <i>Phys. Rev.</i> , 103 , 32-38 (1956) <i>Comment</i> : S. H (50 keV-2.6 MeV) -> Cu, Au, Pb, LiF, CaF ₂ , Li, Be, Al, Mn, Ta, Ca, V, Cr, Fe, Co, Ni, Cu, Zn	1956-Bade 0008

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1956	Devons, S. Towle, J. H. 'Range-Velocity Relationship for 7Li-Ions in Solids' <i>Proc. Phys. Soc. A69, 345-47 (1956)</i> <i>Comment : S. 2.74 MeV 7Li -> Al, Cu, Au</i>	1956-Devo 0042
1956	Gobeli, G. W. 'Range-Energy Relation for Low-Energy Alpha Particles in Si, Ge and Insb' <i>Phys. Rev., 103, 275-78 (1956)</i> <i>Comment : R. 0.70-4.45 MeV He -> Si, Ge, InSb, Al, Cu, Ag, Au.</i>	1956-Gobe 0056
1957	Bichsel, H. Mozley, R. F. Aron, W. A. 'Range of 6- to 18-MeV Protons in Be, Al, Cu, Ag and Au' <i>Phys. Rev., 105, 1788-95 (1957)</i> <i>Comment : R. 6-18 MeV H -> Be, Al, Cu, Ag, Au</i>	1957-Bich 0014
1957	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev., 106, 848-51 (1957)</i> <i>Comment : 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</i>	1957-Burk 0149
1958	Schmitt, R. A. Sharp, R. A. 'Measurement of the Range of Recoil Atoms' <i>Phys. Rev. Letters, 1, 445-47 (1958)</i> <i>Comment : R. (33-130 keV) C, F, Cl, Ti, Fe, Zn, Cu, Mo, Ag, Au -> Polystyvene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au</i>	1958-Schm 0723
1959	Guseva, M. I. Inopin, E. V. Tsytko, S. P. 'Depth of Penetration and Character of Distribution of Atoms Injected into Si30 Isotope Targets' <i>Zh. Eksp. Teor. Fiz., 36, 3-9 (1959) [Engl. Trans. Sov. Phys. JETP, 36, 1-5 (1959)]</i> <i>Comment : R, dR. 10-28 keV 30Si -> Cu, 25 keV 30Si -> Ta</i>	1959-Guse 0200
1959	Oganesyan, Yu. T. 'Range Energy Dependence of C12, C14, O16 in Aluminum, Copper and Gold in the Energy Interval from 50 to 110 MeV' <i>Zh. Eksp. Teor. Fiz., 36, 936-37 (1959) [Engl. Trans. Sov. Phys., JETP, 661-62 (1959)]</i> <i>Comment : R. 50-110 MeV 12C, 14C, 16O -> Al, Cu, Au.</i>	1959-Ogan 0213
1959	Zrelov, V. P. Stoletov, G. D. 'Range-Energy Relation for 660 MeV Protons' <i>Zh. Eksp. Teor. Fiz., 36, 664-72 (1959) [Engl. Trans. Sov. Phys. JETP, 9, 461-67 (1959)]</i> <i>Comment : R. 660 MeV H -> Cu. S Rel. To Cu, 635 MeV H -> H, Be, C, Fe, Cd, W</i>	1959-Zrel 0222

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1961	Barkas, W. H. VonFriesen, S. 'High-Velocity Range and Energy-Loss Measurements in Al, Cu, Pb, U and Emulsion' <i>Nuovo Cimento Suppl.</i> , 19, 41-62 (1961) <i>Comment</i> : R, S Rel. To Cu. 750 MeV H -> Al, Cu, Pb, U, Emulsion	1961-Bark2 0221
	Nielsen, L. P. 'Energy Loss and Straggling of Protons and Deuterons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 33, No. 6, 1-20 (1961) <i>Comment</i> : S, dS. 1.5-4.5 MeV P, D -> Al, Ni, Cu, Ag, Au; 1.5-4.5 MeV H -> Be	1961-Niel 0151
1961	VanLint, V. A. J. Schmitt, R. A. Suffredini, C. S. 'Range of 2 to 60 keV Recoil Atoms in Cu, Ag, and Au' <i>Phys. Rev.</i> , 121, 1457-63 (1961) <i>Comment</i> : R. 2.4-57.5 keV Cu -> Cu; 2.9-27.2 keV Ag -> Ag; 6.1-15.1 keV Au -> Au	1961-VanL 0563
	Bryde, L. Lassen, N. O. Roy-Poulsen, N. O. 'Ranges of Recoil Ions from Alpha-Reactions' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 33, No. 8, 1-28 (1962) <i>Comment</i> : R, dR. (0.6-1.3 MeV) Ga, K -> H2, D2, He, Ar, N, Cu; 3.9 MeV F -> N	1962-Bryd 0156
1962	Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radioteknika I. Elek. (USSR)</i> , 7, 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott 0159
	Hines, R. L. 'Ranges of 5- to 27-keV Deuterons in Aluminum, Copper and Gold' <i>Phys. Rev.</i> , 132, 701-706 (1963) <i>Comment</i> : R. 5-27 keV D -> Al, Cu, Au	1963-Hine 0140
1963	Lutz, H. Sizmann, R. 'Super Ranges of Fast Ions in Copper Single Crystals' <i>Phys. Letters</i> , 5, 113-14 (1963) <i>Comment</i> : R, dR. 10-150 keV 85Kr -> Cu (Cryst.)	1963-Lutz 0161
	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) <i>Comment</i> : S. Rel. To Al. 28.7 MeV H -> Be, Ti, V, Co, Ni, Cu, Ag, Ta, W, Ir, Au	1963-Naka 0146
1963	Perovic, B. Jokic, T. 'The Measurement of Ranges and Depth Distribution of Ions in the Kiloelectron, Volt Energy Region in Metals by Means of the Radioactive Tracer Technique' <i>Proc. 6th Int. Conf. Phenomenes D'Ionization Dans Les Gaz, Paris</i> , II, P. 15-19 (1963) <i>Comment</i> : R, dR. 5-30 keV Xe -> Ni, Mo, Cu	1963-Pero 0201

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1964	Koschmieder, L. 'Zur Energiebestimmung von Protonen Aus Reichweitemessungen' <i>Z. Naturforsch. 19A, 1414-16 (1964)</i> <i>Comment : R. 57-144 MeV H -> Cu. Ranges From Transmission Through Foil Stacks.</i>	1964-Kosc 0379
1964	Lepeshinskaya, V. N. Zarutskii, E. M. 'Penetration of Some Alkali Metal Ions into Copper and Silver' <i>Izv. An Sssr Ser. Fiz., 28, 1390-95 (1964)[Engl. Trans. Bull. Acad. Sci. Ussr. Phys. Ser., 28, 1296-1300 (1964)]</i> <i>Comment : R. 2-12 keV Li, 6-14 keV Na -> Cu, Ag</i>	1964-Lepe 0359
1964	Lutz, H. Sizmann, R. 'Bestimmung der Reichweite Schneller Schwerer Ionen in Festkorpern' <i>Z. Naturforsch. 19A, 1079-89 (1964)</i> <i>Comment : R, dR. 25-125 keV 85Kr -> Cu</i>	1964-Lutz 0184
1964	Porile, N. T. 'Ranges of Low-Energy Gallium Atoms in Copper and Zinc' <i>Phys. Rev. A, 135, 1115-18 (1964)</i> <i>Comment : R. 70-1000 keV Ga -> Cu, Zn</i>	1964-Pori 0178
1965	Zarutskii, E. M. 'Passage of Potassium Ions through Copper and Silver Films' <i>Fiz. Tverd. Tela, 6, 3734-36 (1964) [Engl. Trans. Sov. Phys. Solid State, 6, 2995-96 (1965)]</i> <i>Comment : R. 6-14 keV K -> Cu, Ag</i>	1965-Zaru 0240
1966	VanLint, V. A. J. Wyatt, M. E. Schmitt, R. A. Suffredini, C. S. Nichols, D. K. 'Range of Photoparticle Recoil Atoms on Solids' <i>Phys. Rev., 147, 242-48 (1966)</i> <i>Comment : R. (.001- 5 epsilon) Ti, Sc, Cr, Fe, Mn, Ni, Co, Ge, Zr, Y, Sr, Mo, Rh, Pd, Ag, Cd, Sn, Gd, Ta, Au, Th -> Al, Cu</i>	1966-VanL 0260
1967	Andersen, H. H. Hanke, C. C. Sorensen, H. Vajda, P. 'Stopping Power of Be, Al, Cu, Ag, Pt and Au for 5-12 MeV Protons and Deuterons' <i>Phys. Rev., 153, 338-42 (1967)</i> <i>Comment : S. 4.5 - 12 MeV H, D -> Be, Al, Cu, Ag, Pt, Au</i>	1967-Ande 0280
1967	Lehmann, L. Spehl, H. Wertz, N. 'A New Method for Range Measurements of Very Heavy Ions using Coulomb Excitation and Perturbed Angular Correlations' <i>Nucl. Inst. Methods, 55, 201-04 (1967)</i> <i>Comment : R. 0.8 MeV W -> Cu</i>	1967-Lehm 0327
1967	Lepishinskaya, V. N. Zarutskiy, E. M. 'Penetration of Medium Energies Ions into Metals' <i>Proceeding of the 8th Int. Conf. Ion. Phenom. in Gases, Springer. Wien, P. 44 (1967)</i> <i>Comment : R, S. 1-16 keV H+, H2+, H3+ -> Cu</i>	1967-Lepi 0765

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1967	Morita, K. Akimura, H. Suita, T. 'Stopping Cross-Sections of Metallic Films for Projectile of Low Energy Proton' <i>J. Phys. Soc. Jap.</i> , 22, 1503 (1967) Comment : S. 7-35 keV H -> Be, Al, Cu, Ag, Au	1967-Mori 0291
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia)</i> , 4, 549-55 (1966)[<i>Engl. Trans. Sov. Phys. Nucl. Phys.</i> , 4, 390-94 (1967)] Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb	1967-Vasi 0313
1967	Zarutskii, E. M. 'Penetration of Hydrogen Ions into Copper' <i>Fiz. Tverd. Tela</i> , 9, 1500-04 (1967). [<i>Engl. Trans. Sov. Phys. Solid State</i> , 9, 1172-76 (1967)] Comment : S. 4-20 keV H+ -> Cu	1967-Zaru 0318
1968	Andersen, H. H. Hanke, C. C. Simonsen, H. Sorensen, H. Vajda, P. 'Stopping Power of the Elements Z = 20 through Z = 30 for 5 - 12 MeV Protons and Deuterons' <i>Phys. Rev.</i> , 175, 389-95 (1968) Comment : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn	1968-Ande 0358
1968	Duc, T. M. Demeyer, A. Tousset, J. Chery, R. 'Determination Experimentale De La Perte D'Energie, Des Parcours Et De La Dispersion D'Un Faisceau De Particules Alpha De 54' MeV Dans Quelques Elements. <i>J. Physique</i> , 29, 129-135 (1968) Comment : R, S, dS. 54.4 MeV He -> Cu, Ag, Tb, Tm, Au, S, dS. 50-54 MeV He, 27 MeV D -> Al	1968-Duc 0329
1968	Ehrhardt, P. Rupp, W. Sizmann, R. 'Stopping Power of 0.5 to 3.5 MeV Alpha-Particles in Cu-Au Alloys.' <i>Phys. Stat. Sol.</i> , 28, K35-37 (1968) Comment : S. 0.5-3.5 MeV He -> Cu, Au, Cu-Au Alloys	1968-Ehrh 0368
1968	Morita, K. Akimura, H. Suita, T. 'Energy Loss of Low Energy Protons and Deuterons in Evaporated Metallic Films' <i>J. Phys. Soc. Jap.</i> , 25, 1525-32 (1968) Comment : S, dS. 7-40 keV H, D -> Cu, 7-40 keV H -> Be, Al, Ag, Au	1968-Mori 0399
1968	Mory, J. 'Parcours Moyen Des Fragments De Fission Dans Quelques Metaux Avec Le Mica Comme Detecteur' <i>Rev. Physique Appl.</i> , 3, 387-95 (1968) Comment : S. Fission Fragments -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Au	1968-Mory 0834

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1968	Powers, D. Chu, W. K. Bourland, P. D. 'Range of Ar, Kr, and Xe Ions in Solids in the 500 keV to 2 MeV Energy Region' <i>Phys. Rev.</i> , 165, 376-87 (1968) <i>Comment</i> : R, dR. (0.5 - 2.0 MeV) C, Ar, Kr, Xe -> Be, Al, V, Ni, Cu; S.(0.6 - 2.0 MeV) H -> V	1968-Powe 0310
1968	Whitton, J. L. 'The Depth Distribution of 40 keV ¹³³ Xe Ions in Various Single Crystals' <i>Can. J. Phys.</i> , 46, 581-86 (1968) <i>Comment</i> : R, dR. 40 keV ¹³³ Xe -> Ta, W, Al, Cu, Au, Ir (All Cryst.)	1968-Whit2 0335
1968	Zarutskii, E. M. 'Energy Spectrum of Alkali Metal Ions Transmitted by Thin Copper Films' <i>Fiz. Tverd. Tela</i> , 9, 1896-98 (1968) [Engl. Trans. Sov. Phys. Solid State, 9, 1495-97 (1968)] <i>Comment</i> : S. 3-20 keV Li, Na, K -> Cu	1968-Zaru 0346
1969	Andersen, T. Sorensen, G. 'A Sectioning Technique for Copper, Silver, and Gold and Its Application to Penetration and Diffusion Studies' <i>Rad. Effects</i> , 2, 111-17 (1969) <i>Comment</i> : R, dR. (30-400) keV Cu, Co, P, Kr -> Cu, Ag, Au	1969-Ande3 0415
1969	Arkipov, E. P. Gott, Yu. V. 'Slowing Down of 0.5 - 30 keV Protons in Some Materials.' <i>Zh. Eksp. Teor. Fiz.</i> , 56, 1146-51 (1969). [Engl. Trans. Sov. Phys. JETP, 29, 615-18 (1969)] <i>Comment</i> : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi	1969-ArkH 0410
1969	Bernhard, F. Muller-Jahreis, U. Rockstroh, G. Schwabe, S. 'Stopping Cross Sections of Li ⁺ Ions with Energies from 30 to 100 keV in Various Target Materials' <i>Phys. Stat. Sol.</i> , 35, 285-89 (1969) <i>Comment</i> : S. 30-100 keV Li -> C, Al, Ti, Ni, Cu	1969-Bern 0395
1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev.</i> , 187, 478-90 (1969) <i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn	1969-Chu 0382
1969	Jokic, T. 'Ranges of 20-80 keV Xenon Ions in Copper Crystals' <i>Proc. 9th Int. Conf. Phenom. Ionized Gases, Bucharest, P. 96 (1969)</i> <i>Comment</i> : R, dR. 20-80 keV Xe -> Cu (Cryst.)	1969-Joki 0660

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1969	Jokic, T. 'Ranges of 20-80 keV Xenon Ions in Copper Crystals in G' <i>Musa, I. Ghica, A. Popescu and L. Nastase (Ed.) Phenomena in Ionized Gases, 1969, Editura Academiei Bucharest, P. 96 (1969)</i>	1969-Joki2 0766
	<i>Comment : R. 20-100 keV Xe -> Cu (Cryst.)</i>	
1969	Vasilievskii, I. M. Karpov, I. I. Petrushkin, V. I. Prokoshkin, Yu. D. 'Proton Ranges and Ionization Energy Losses in Various Materials' <i>Yaderna Fiz., 9, 997-1008 (1968) [Eng. Transl. Sov. J. Nucl. Phys., 9, 583-9 (1969)]</i>	1969-Vasi 0905
	<i>Comment : R. 660 MeV H -> C, Al, Cu, Sn, Pb</i>	
1969	White, W. Mueller, R. M. 'Electron-Stopping Cross Sections of 1H, 4He Particles in Cr, Mn, Fe, Co, Ni, and Cu at Energies Near 100 keV' <i>Phys. Rev., 187, 499-503 (1969)</i>	1969-Whit 0389
	<i>Comment : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu</i>	
1969	Zarutskii, E. M. 'Penetration of Heavy Ions into Copper, Silver and Gold' <i>Fiz. Tverd. Tela, 11, 1684-89 (1969). [Engl. Trans. Sov. Phys. Solid State, 11, 1362-65 (1969)]</i>	1969-Zaru 0641
	<i>Comment : S. 9-20 keV Rb, 11-19 keV Cs -> Cu; 12-17 keV Rb, 16-20 keV Cs -> Ag, Au</i>	
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>	1970-Mory 0419
	<i>Comment : R. Fiss. Fragm. -> Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au</i>	
1971	Bartle, C. M. Chapman, N. G. Johnson, P. B. 'A Study of Deuterium Implantation in a Copper Drive-In Target' <i>Nucl. Inst. Methods, 95, 221-228 (1971)</i>	1971-Bart 0970
	<i>Comment : R. 200 keV D -> Cu</i>	
1971	Hakim, M. Schafrir, N. H. ' ²⁵² Cf Fission Fragment Energy Loss Measurements in Elementary Gases and Solids as Compared with Theory' <i>Can. J. Phys., 49, 3024-35 (1971)</i>	1971-Haki 0432
	<i>Comment : S. Fiss. Fragm. -> H2 D2, He, C, N2 O2, Ne, Al, Ar, Ni, Cu, Kr, Ag, Xe, Au</i>	
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. 'Comparison of Stopping Powers of Al, Ni, Cu, Rh, Ag, Pt and Au for Protons and Deuterons of Exactly the Same Velocity' <i>Bull. Inst. Chem. Res. Kyoto Univ., 49, 390-402 (1971)</i>	1971-Ishi 0435
	<i>Comment : S. 7.2 MeV H, 14.4 MeV D -> Al, Ni, Cu, Rh, Ag, Pt, Au</i>	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. 'Stopping Power of Be, Al, Cu, Mo, Ta and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 49, 403-08 (1971)</i>	1971-Ishi2 0436
	<i>Comment : S. 28 MeV He -> Be, Al, Cu, Mo, Ta, Au</i>	
1972	Abroyan, I. A. Koryukin, V. A. 'Retardation of Protons in Chromium and Copper' <i>Fiz. Tverd. Tela, 13, 3112-14 (1971). [Engl. Trans. Sov. Phys. Solid State, 13, 2614-16 (1972)]</i>	1972-Abro 0473
	<i>Comment : S. 0.6-10 keV H -> Cu, Cr</i>	
1972	Bierman, D. J. VanVliet, D. 'Inelastic Energy Losses in Gases and Electronic Stopping Powers in Solids' <i>Physica, 57, 221-236 (1972)</i>	1972-Bier 1952
	<i>Comment : S. Ne (20-45 keV) -> Cu, Ni, Al</i>	
1972	Bister, M. Anttila, A. Fontell, A. Leminen, E. 'A Method for the Determination of Recoil Ion Ranges Needed in Dsa Measurements' <i>Physik, 250, 82-86 (1972)</i>	1972-Bist 0461
	<i>Comment : R. 50 keV Al -> C, Cu, Mo, Ta</i>	
1972	Bjorkquist, K. Domeij, B. 'Stopping Power of C, N, and O Ions in Cr, Fe, Co, Ni, Cu, and Zn in the 1 MeV Region' <i>Rad. Effects, 13, 191-96 (1972)</i>	1972-Bjor 0481
	<i>Comment : S. 0.5-2.0 MeV C, O, N -> Cr, Fe, Co, Ni, Cu, Zn</i>	
1972	Cohn, G. E. 'Ranges and Range Straggling of 150Sm in Copper and Silver' <i>Ph.D. Thesis, Univ. Wisconsin, Unpublished (1972)</i>	1972-Cohn 1288
	<i>Comment : R, dR. 150Sm (4-20 MeV) -> Cu, Ag</i>	
1972	Jokic, T. Perovic, B. 'Range of Energetic Xe Ions in Copper Crystals' <i>6th Yugoslav Symposium on Physics of Ionized Gases, 87-90 (1972)</i>	1972-Joki2 1008
	<i>Comment : R. 20-100 keV Xe -> Monocrystal Cu</i>	
1972	Sykes, D. A. Harris, S. J. 'The Anomalous Straggling of Alpha Particles in Aluminum Compared to Other Absorbers' <i>Nucl. Inst. Methods, 101, 423-25 (1972)</i>	1972-Syke 0665
	<i>Comment : dS. 6.8 MeV He -> Al, Cu, Ag, Au, Melinex</i>	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Valenzuela, A. Meckbach, W. Kestelman, A. J. Eckardt, J. C. 'Stopping Power of Some Pure Metals for 25-250-keV Hydrogen Ions' <i>Phys. Rev. B, 6, 95-102 (1972)</i> <i>Comment : S Rel. to 250 keV H. 25-250 keV H -> Ni, Cu, Ag, Sn, Au.</i>	1972-Vale 0478
1973	Blewer, R. S. 'Depth Distribution of Implanted Helium and Other Low-Z Elements in Metal Films using Proton Backscattering' <i>Appl. Phys. Letters, 23, 593-95 (1973)</i> <i>Comment : R, dR. 54-158 keV He -> Cu</i>	1973-Blew 0857
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	Feng, J. S. -Y. Chu, W. K. Nicolet, M. -A. Mayer, J. W. 'Relative Measurements of Stopping Cross Section Factors by Back-Scattering' <i>Thin Solid Films, 19, 195-204 (1973)</i> <i>Comment : S (1-2 MeV) He -> Au, Ag, Cu, Al, Si. Relative Stopping</i>	1973-Feng 0503
1973	Feng, J. S. -Y. Chu, W. K. Nicolet, M-A. 'Bragg's Rule Study in Binary Metal Alloys Metal Oxides for MeV 4He+ Ions' <i>Thin Solid Films, 19, 227-236 (1973)</i> <i>Comment : S. 0.5-2.25 MeV He -> AuAg, AuCu, AuAl, Fe2O3, Fe3O4, Al2O3</i>	1973-Feng2 0506
1973	Ishiwari, R. Shiomi, N. Shirai, S. 'Tabulated Results of Stopping Power Measurements of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28.8 MeV Alpha Particles.' <i>J. Phys. Soc. Jap. (1973).</i> <i>Comment : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1973-Ishi 0920
1973	Jokic, T. Perovic, B. 'Xenon Ion Ranges in Copper Single Crystals' <i>Phys. Stat. Sol. A, 18, K 73-76 (1973)</i> <i>Comment : R,dR. 20-100 keV Xe -> Cu (Cryst.)</i>	1973-Joki2 0494
1973	Schimmerling, W. Vosburgh, K. G. Todd, P. W. 'Measurements of Range in Matter for Relativistic Heavy Ions' <i>Phys. Rev. B, 7, 2895-99 (1973)</i> <i>Comment : R.(40-270 MeV) N, Ne, Ar -> Polyethylene, Polymethylacrylat, Al, Cu, Pb</i>	1973-Schi 0448
1973	Sorensen, H. Andersen, H. H. 'Stopping Power of Al, Cu, Ag, Au, Pb and U for 5-18-MeV Protons and Deuterons' <i>Phys. Rev. B, 8, 1854-63 (1973)</i> <i>Comment : S. 5-18 MeV H, D -> Al, Cu, Ag, Au, Pb, U</i>	1973-Sore 0499

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Zarutskiy, Ye. M. Lepeshinskaya, V. N. 'An Analysis of the Penetrability and Energy Spectrum Curves When Ions Are Stopped in Thin Metal Films' <i>Radio Eng. and Electron. Phys.</i> , 18, 479-81 (1973)	1973-Zaru 1283
	<i>Comment</i> : S, dS. Cs, K, Na (9-20 keV) -> Cu	
1974	Andersen, H. H. 'Studies of Atomic Collisions in Solids by Means of Calorimetric Techniques' <i>Aarhus University. Aarhus P.</i> 1-279 (1974)	1974-Ande 0725
	<i>Comment</i> : S. 5-17 MeV H, D -> Al, Cu	
1974	Blewer, R. S. 'Depth Distribution and Migration of Implanted Helium in Metal Foils using Proton Backscattering' <i>T. Picraux, E. P. Eernisse, F. L. Vook (Ed.): Applications of Ion Beams to Metals. Plenum, N. Y. P.</i> 559-72 (1974)	1974-Blew2 0856
	<i>Comment</i> : R, dR. 54-158 keV He -> Cu	
1974	Ishiwari, R. 'Comment on Stopping Powers of Various Elements for 7 MeV Protons' <i>J. Phys. Soc. Jap.</i> , 36, 1218 (1974)	1974-Ishi 0951
	<i>Comment</i> : S. H (7 MeV) -> Ni, Cu	
1974	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.</i> , 52, 19-39 (1974)	1974-Ishi2 0443
	<i>Comment</i> : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au	
1974	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</i> , 48A, 96-98 (1974)	1974-Ishi3 1673
	<i>Comment</i> : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au	
1974	Izmen, A. Birgal, O. Aras, N. K. 'Ranges of 99Mo and 140Ba in Several Stopping Media from the Spontaneous Fission of 252Cf' <i>J. Inorg. and Nucl. Chem.</i> , 36, 25-29 (1974)	1974-Izme 0699
	<i>Comment</i> : R. 179.4 MeV 99Mo 188 MeV 140Ba -> Al, Ni, Cu, Pd	
1974	Nomura, A. Kiyono, S. Kamayama, M. 'Penetration of Low Energy Helium Ions through Copper Thin Films' <i>Jap. J. Appl. Phys.</i> , 13, 1159-60 (1974)	1974-Nomu 0637
	<i>Comment</i> : S. 6-16 keV He -> Cu	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Whitton, J. 'The Dependence of Electronic Stopping Cross Section of 42K on Different Target Materials' <i>Can. J. Phys.</i> , 52, 12-16 (1974)	1974-Whit 0630
	<i>Comment</i> : Rmax. 55 keV 42K -> Cu, Ag, Au, V, Mo, Nb, Ta, W (All Cryst.)	
1974	Zrelov, V. P. Kruglov, S. P. Mus, K. F. Savelyev, V. D. Shulek, P. 'Determination of the Average Excitation Icu of the Copper Ion from the Ionization Range of 660 MeV Protons' <i>Yaderna Fiz. (Russia)</i> , 19, 1276-81 (1974). [Engl. Trans. Sov. Journ. Nucl. Phys., 19, 653-55 (1974)]	1974-Zrel 0700
	<i>Comment</i> : R. 660 MeV H -> Cu	
1975	Al-Bedri, M. B. Harris, S. J. 'Energy Straggling of Fission Fragments in Gases and Solids' <i>Nucl. Inst. Methods</i> , 124, 125-130 (1975)	1975-Al 1273
	<i>Comment</i> : dS. Cf Fiss. Frag. -> He, N, CO2, Ar, Kr, Ne, Air, Al, Ag, Cu, Au, CH4, Tissue Eq. Gas	
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z1*3 Effect on the Stopping Powers of Several Metallic Elements for 28.8 MeV Alpha Particles: Deviations of Experimental Data from Theories.' <i>Phys. Letters A</i> , 51, 54-54 (1975)	1975-Ishi 0781
	<i>Comment</i> : S. 28.8 MeV He -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au	
1975	Ishiwari, R. Shiomi, N. Katayama-Kinoshita, T. Sawada-Yasue, F. 'Search for Possible Geometrical Effect on Stopping Power Measurement' <i>J. Phys. Soc. Jap.</i> , 39, 557-65 (1975)	1975-Ishi2 0783
	<i>Comment</i> : S. 8.78 MeV He -> Al, Cu, Ag, Ta	
1975	Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A</i> , 275, 209-14 (1975)	1975-Neuw2 0813
	<i>Comment</i> : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB2, AlB12, B4C, B2O3, BPO4, B4Si, CaB6, CeB6, Crb, Crb2, Cr2B3, H2O, D2O, HBO2, H3BO3, HFB2, KBF4, KBH4, LaB6, LiBH	
1975	Nomura, A. Kiyono, S. 'Stopping Power of Copper, Silver and Gold for Protons and Helium Ions of Low Energy' <i>J. Phys. D: Appl. Phys.</i> , 8, 1551-59 (1975)	1975-Nomu 0752
	<i>Comment</i> : S. 4-16 keV H, He -> Cu, Ag, Au	
1975	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range, Distribution and Stopping Power of 800-keV 14N+ Ions Implanted in Metals from Z2 = 22 to Z2 = 32' <i>Phys. Rev. A</i> , 12, 2383-92 (1975)	1975-Simo 0798
	<i>Comment</i> : R, dR, S. 800 keV N -> Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Al-Bedri, M. B. Harris, S. J. Parish, H. G. S. F. 'Energy Loss and Straggling Measurements for Low Energy Protons Transmitted through Thin Solid Films' <i>Rad. Effects, 27, 183-87 (1976)</i>	1976-Al 2 0818
	<i>Comment : dS. 0.6-1.6 MeV P-> Melinex, Al, Cu, Au, Pb</i>	
1976	Bednyakov, A. A. Bulgakov, Yu. V. Nikolaev, V. S. Sobakin, V. P. Popov, B. M. 'Stopping Power Distribution for Fast Helium and Nitrogen Ions Passing through Metal Films' <i>Zh. Eksp. Teor. Fiz., 68, 2067-74 (1975) [Engl. Trans. Sov. Phys. JETP, 41, 1034-37 (1976)]</i>	1976-Bedn 0878
	<i>Comment : dS. 1.3 MeV He, 4.6 MeV N -> Al, Cu, Ag, Au</i>	
1976	Colligon, J. S. Fuller, D. 'Secondary Ion Emission Studies of the Range Profiles of Implanted Ions' <i>Rad. Effects, 28, 183-187 (1976)</i>	1976-Coll 0891
	<i>Comment : R, dR. 20 keV ¹³³Cs -> Cu, Al</i>	
1976	Forster, J. S. Ward, D. Andrews, H. R. Ball, G. C. Costa, G. J. 'Stopping Power Measurements for ¹⁹ F, ²⁴ Mg, ²⁷ Al, ³² S and ³⁵ Cl at Energies 0.2 to 3.5 MeV/Nucleon in Ti, Fe, Ni, Cu, Ag and Au.' <i>Nucl. Inst. Methods, 136, 349-59 (1976).</i>	1976-Fors 0821
	<i>Comment : S. 2.2 MeV H, 0.2-3.5 MeV/amu F, Mg, Al, S, Cl -> Ti, Fe, Ni, Cu, Ag, Au</i>	
1976	Hoffman, G. E. Powers, D. 'Energy Straggling of Alpha Particles in Solid Materials' <i>Phys. Rev. A, 13, 2042-48 (1976).</i>	1976-Hoff2 0865
	<i>Comment : S, dS. 0.5-2.0 MeV He -> Ti, Cr, Co, Cu, Ag</i>	
1976	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gamma-Ray Yields' <i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)</i>	1976-Land 0808
	<i>Comment : R,dR. 800 keV N -> Z2 = 22-32, 40-42</i>	
1976	Lefevre, H. W. Anderson, J. D. Davis, J. C. 'Depth Profiling of Tritium Implanted in Titanium' <i>4th Conf. on Uses of Small Accelerators, Preprint: UCRL-78624 (1976)</i>	1976-Lefe 0933
	<i>Comment : R, dR. 400 keV ³H -> Ti, Cu (Various Doses).</i>	
1976	Luomajarvi, M. Fontell, A. Bister, M. 'Energy Straggling of ⁴ He Ions in Al and Cu in the Backscattering Geometry' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P.75-85, (1976)</i>	1976-Luom 0854
	<i>Comment : S, dS. 0.5-2 MeV He -> Al, Cu</i>	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Neuwirth, W. Pietsch, W. Hauser, U. 'Stopping Cross Sections of Elements with Z=2 to 87 for Li Ions with Energies Between 80 keV and 840 keV' <i>Physics Data, Erstes Physikalisches Institut, Univ. Zu Koln, Germany (1976)</i> <i>Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)</i>	1976-Neuw 1178
1976	Nomura, A. Kiyono, S. 'Measurements of Energy Distribution of Low Energy Light Ions through Copper Film and Its Statistical Analysis' <i>Jap. J. Appl. Phys., 15, 1773-7 (1976)</i> <i>Comment : S,dS. 5-10 keV H -> Cu, dS. 2-13 keV H, 6-12 keV He -> Cu</i>	1976-Nomu 0910
1976	Pietsch, W. Hauser, U. Neuwirth, W. 'Stopping Powers from the Inverted Doppler Shift Attenuation Method: Z-Oscillations, Bragg'S Rule Or Chemical Effects, Solid and Liquid State Effects' <i>Nucl. Inst. Methods, 132, 79-87 (1976)</i> <i>Comment : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds</i>	1976-Piet 0815
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Z2 Dependence of the Electronic Stopping Power of 800 keV 14N+ Ions in Targets from Carbon through Molybdenum' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)</i> <i>Comment : S. 800 keV N -> Z2 = 22-32, 40-42</i>	1976-Simo2 0848
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Nielsen, B. R. 'Stopping Powers of Al, Cu, Ag, and Au for MeV Hydrogen, Helium, and Lithium Ions. Z1*3, and Z1*4 Proportional Deviations from the Bethe Formula.' <i>Phys. Rev. A, 16, 1929-1940 (1977)</i> <i>Comment : S. H, He, Li (1-21 MeV) -> Al, Cu, Ag, Au</i>	1977-Ande2 0779
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. 'Experimental Investigation of Higher-Order Z1 Corrections to the Bethe Stopping-Power Formula' <i>Nucl. Inst. Methods, 140, 537-540 (1977)</i> <i>Comment : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au</i>	1977-Ande3 0908
1977	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> <i>Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1977-Ishi 1102
1977	Mertens, P. 'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils' <i>Nucl. Inst. Methods, 149, 149-153 (1978)</i> <i>Comment : S, dS.H, He, Li, Be, B, C, N, O, F, Ne (300 keV) -> C, Ni, Co, Nb. 300 keV He, Ne, F, O, N -> C, Al, Ti, Mn, Fe, Co, Ni, Cu, Nb, Ag, Au</i>	1977-Mert 0928

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Meyer, M. Dolin, C. Talon, R. Zacharis, C. 'Implantation of 180+ Ions in Copper Single Crystals: Determination of the Stopping Power for Channelled Oxygen Ions' <i>J. Phys. C</i> , 10, 2039-2046 (1977) <i>Comment</i> : S. 11-43 keV 18O -> Cu	1977-Meye 1074
1977	Terreault, B. Martel, J. G. St-Jacques, R. G. Veilleux, G. L'Ecuyer, J. 'Doubly Peaked Helium Depth Profiles in Copper and Blistering' <i>J. Nucl. Mater.</i> , 68, 334-337 (1977) <i>Comment</i> : R. 25 keV He -> Cu	1977-Terr 0953
1977	Terreault, B. Martel, J. G. St-Jacques, R. G. L'Ecuyer, J. 'Depth Profiling of Light Elements in Materials with High-Energy Ion Beams' <i>J. Vac. Sci. Technol.</i> , 14, 492-499 (1977) <i>Comment</i> : R. 1-25 keV He -> Cu, V, Nb, 160 keV He -> Mo	1977-Terr2 1079
1977	Terreault, B. St-Jacques, R. G. Veilleux, G. Martel, J. G. 'Helium Irradiations of Copper at 1 to 25 keV: Range Profiles, Reemission, and Blistering' <i>Can. J. Phys.</i> , 56, 235-247 (1977) <i>Comment</i> : R. 1-25 keV He -> Cu	1977-Terr3 0966
1977	Yu, P. W. Grant, J. T. Park, Y. S. Haas, T. W. 'Zn-Ion-Implantation Profiles in CuInSe ₂ by Auger Electron Spectroscopy' <i>J. Appl. Phys.</i> , 48, 67-72 (1977) <i>Comment</i> : R. 120 keV Zn -> CuInSe ₂	1977-Yu 1058
1978	Alexander, T. K. Forster, J. S. Ball, G. C. Davies, W. G. Winterbon, K. B. 'Z1 and Z2 Variations in the Stopping Powers of Z1=10-18 Ions Deduced from DSAM Lifetime Measurements' <i>Phys. Letters</i> , 74B, 183-186 (1978) <i>Comment</i> : S. Ne, Na, Mg, Al, Si, P, S, Ar (3-4 MeV) -> Cu, Ni, Ta, Au, Mg, Ca, Ti, Ba. Doppler shift lifetime measurements.	1978-Alex 1954
1978	Andersen, H. H. Knudsen, H. Martini, V. 'An Improved Method for Measuring Relative Stopping Powers of Light Ions in Solids' <i>Nucl. Inst. Methods</i> , 149, 137-142 (1978) <i>Comment</i> : S. 200-2000 keV H, He -> Cu, Ag	1978-Ande2 1132
1978	Averback, R. S. Benedek, R. Merkle, K. L. 'Correlations Between Ion and Neutron Irradiations: Defect Production and Stage I Recovery' <i>J. Nucl. Mater.</i> , 75, 162-166 (1978) <i>Comment</i> : S. 200-500 keV H, Ar, Bi -> Cu	1978-Aver 1234

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Biersack, J. P. Fink, D. Henkelmann, R. A. Muller, K. 'Range Profiles and Thermal Release of Helium Implanted into Various Metals' <i>Nucl. Inst. Methods, 149, 93 (1978)</i> <i>Comment : S,R,dR. 0.2-340 keV H, 3He -> Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo</i>	1978-Bier 1147
1978	Gertner, I. Meron, M. Rosner, B. 'Electronic Energy Loss of Ions in Solids in the Energy Range 10-10000 keV/amu' <i>Phys. Rev. A, 18, 2022-2029 (1978)</i> <i>Comment : S. 80-8000 keV H, D -> C, Cr, Ni, Cu</i>	1978-Gert 1131
1978	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Re-Evaluation of Stopping Powers of Be,Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 56, 47-48 (1978)</i> <i>Comment : S, dS. 28 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1978-Ishi3 1169
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
1978	Marshall, R. E. ElFiqi, A. R. Kliwer, J. K. 'Measurement of Stopping Powers using Ion-Induced X-Ray Emission' <i>Nucl. Inst. Methods, 150, 241-245 (1978)</i> <i>Comment : S. 100 keV H -> Sc, Ni, Cu, Ge</i>	1978-Mars 1085
1978	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods, 151, 247-252 (1978)</i> <i>Comment : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi</i>	1978-Rud 1104
1978	Sakamoto, N. Shiomi, N. Ishiwari, R. Miyajima, J. 'Energy Straggling of 6.74 MeV Protons in Cu' <i>Bull. Inst. Chem. Res. Kyoto Univ., 56, 20-26 (1978)</i> <i>Comment : S, dS. 6.74 MeV H -> Cu</i>	1978-Saka 1170
1978	Smith, H. J. VanWyk, G. N. 'Increase of Range of Ni+ Ions in Cu Due to Ion Bombardment Induced Crystalline Reorientation' <i>Phys. Letters, 64A, 327-329 (1978)</i> <i>Comment : R. 40 keV Ni -> Cu</i>	1978-Smit 1122
1979	Abel, G. Ross, G. Terreault, B. 'Ranges of 5-25 keV He+ Ions in Nb, Cu, Al, and Be' <i>Preprint (1979) 11</i> <i>Comment : R, dR. 5-25 keV He -> Nb, Cu, Al, Be</i>	1979-Abel 1371

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1979	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> <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>	1979-Ishi2 1349
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	Mertens, P. 'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions' <i>Phys. Rev. A, 19, 1442-1447 (1979)</i> <i>Comment : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au</i>	1979-Mert 1130
1979	Mertens, P. 'Influence of the Foil Structure on Energy Loss Spectra' <i>Preprint (1979) 9</i> <i>Comment : dS. 300 keV He, Ne, Ar -> Cu</i>	1979-Mert2 1195
1979	Mertens, P. 'The Influence of the Polycrystalline Structure of Thin Copper Foils on the Energy Loss of Transmitted 300 keV Ions' <i>Thin Solid Films, 60, 313 (1979)</i> <i>Comment : S. N, Ne (300 keV) -> Cu (Channeling effects)</i>	1979-Mert3 1718
1979	Pucherov, N. N. Chesnokova, T. D. 'Energy loss of Helium Ions 3-7 MeV in B, Ti, Fe, Ni, Ni, Cu (In Russian)' <i>Ukr. Fiz. Zh., 24, 372-376 (1979)</i> <i>Comment : S. He (3-7 MeV) -> B, Bi, Fe, Ni, Cu..</i>	1979-Puch 1956
1980	Abel, G. Ross, G. Terreault, B. Labrie, J. P. 'Ranges of 5-25 keV He+ Ions in Nb,Cu,Al,and Be' <i>Nucl. Inst. Methods, 170, 171-175 (1980)</i> <i>Comment : R, dR. 5-25 keV He -> Nb, Cu, Al, Be</i>	1980-Abel 1374
1980	Andersen, H. H. Besenbacher, F. Goddixsen, P. 'Stopping Power and Stragglng of 80-500 keV Lithium Ions in C, Al, Ni, Cu, Se, Ag, and Te' <i>Nucl. Inst. Methods, 168, 75-80 (1980)</i> <i>Comment : S, dS. 80-500 keV Li -> C, Al, Ni,Cu, Se, Ag, Te</i>	1980-Ande 1308
1980	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Losses and their Stragglng for H and He Ions with Energies of Several Hundreds of keV on Passage through Metal and Polystyrenen Films' <i>Sov. Phys., JETP 51, 954 (1980)</i> <i>Comment : S, dS. H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene</i>	1980-Bedn 1615

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Geissel, H. Armbruster, P. Kitahara, T. Kraft, G. Spieler, H. 'Energy Loss of Heavy Particles in Solid Materials' <i>Nucl. Inst. Methods, 170, 217 (1980)</i> <i>Comment : S. 0.5-1.5 MeV/amu Ar, U -> 6 <= Z2 <= 92</i>	1980-Geis 1255
1980	Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. 'Heavy-Ion Track Structure in Silicon' <i>Preprint (1980) 2</i> <i>Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42</i>	1980-Hamm 1352
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, 68-75 (1980)</i> <i>Comment : S,R,dR. 25-2000 keV N -> Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te</i>	1980-Land2 1373
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
1980	Mertens, P. Krist, Th. 'Stopping Ratios of 50-300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 168, 33-39 (1980)</i> <i>Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1980-Mert 1313
1980	Nayak, A. K. Mukherji, S. 'Differential Ranges of Fission Products by a Coulometric Method' <i>Nucl. Inst. Methods, 170, 193-196 (1980)</i> <i>Comment : R, dR. Ba Sr Zr -> Cu</i>	1980-Naya 1389
1980	Terreault, B. Ross, G. St-Jacques, R. G. Veilleux, G. 'Unambiguous Evidence That Helium Irradiation Blisters Contain High Pressure Gas' <i>Preprint (1980) 4</i> <i>Comment : R, dR. 20 keV He -> Be, Cu, Nb</i>	1980-Terr 1359
1981	Anthony, J. M. Lanford, W. A. 'Higher Order Z1 Effects in Heavy Ion Stopping Powers and Ranges' <i>Nucl. Inst. Methods, 186, 647-654 (1981)</i> <i>Comment : S, R. Si, Ni, Au (1-2.5 MeV/amu) -> Cu, Ag, Pb</i>	1981-Anth 1461
1981	Anthony, J. M. Parker, P. D. Lanford, W. A. 'Z1*3, Z1*4 Corrections to Heavy Ion Energy Loss' <i>IEEE Trans. Nucl. Sci., NS-28, 1227-1229 (1981)</i> <i>Comment : S. Si, Cl, Ti, Fe, Ni, Ge, Br (0.4-2.5 MeV/amu) -> Cu, Ag</i>	1981-Anth2 1424

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Anthony, J. M. Lanford, W. A. 'Stopping Power and Effective Charge of Heavy Ions in Solids' <i>Phys. Rev. A, 25 (4), 1868-1879 (1982)</i> <i>Comment : S. C, Si, Cl, Ti, Fe, Ni, Ge, Br, Nb, I (0.1-3.5 MeV/amu) -> C, Al, Cu, Ag, Au</i>	1982-Anth 1395
1982	Geissel, H. Laichter, YI Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter' <i>Nucl. Inst. Methods, 194, 21-29 (1982)</i> <i>Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases</i>	1982-Geis 1417
1982	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> <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>	1982-Ishi 1675
1982	Mertens, P. Krist, Th. 'Stopping Ratios of 50 - 300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 194, 57 (1982)</i> <i>Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1982-Mert 1133
1982	Mertens, P. Krist, Th. 'Electronic Stopping Cross-sections for 30 - 300 keV Protons in Materials with $23 < Z2 < 30$ ' <i>Nucl. Inst. Methods, 194, 57-60 (1982)</i> <i>Comment : S. H (30-300 keV) -> (23 <= Z2 <= 30)</i>	1982-Mert2 1393
1983	Aumayr, F. Bauer, P. Semrad, D. 'Accuracy of Stopping Cross Section Determination from RBS Spectray by Warters' Method' <i>Nucl. Inst. Methods, 212, 529 (1983)</i> <i>Comment : S. H (60-1000 keV) -> Al, Cu, Ag, Au,</i>	1983-Auma 1600
1983	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Nitrogen Depth Profiling using the N(n,p)C Reaction' <i>Nucl. Inst. Methods, 218, 171-175 (1983)</i> <i>Comment : R. N(1.5 MeV) -> Al, Si, Fe, Ni, Cu, Co, Ge,Zr, Nb, Mo, Sn, Pb</i>	1983-Fink2 2117
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' <i>Phys. Rev. B, 27, 2667 (1983)</i> <i>Comment : S, dS. H (600-1000 keV) -> Al, Cu, AlCu, Ti, TiO2, O, Ti, Se, In, Sb, InO, TiO</i>	1983-Kido 1691
1983	Krist, Th. Mertens, P. 'Stopping Ratios for 30-330 keV Light Ions in Materials with $57 <= Z2 <= 83$ ' <i>Nucl. Inst. Methods, 218, 821-826 (1982)</i> <i>Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au</i>	1983-Kris 1312

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numbr
1983	Sakamoto, N. Shiomi, N. Ishiwari, R. 'Geometrical Effect on the Measurement of Stopping Power: Angle-Dependent Energy Loss of 7 MeV Protons in Cu Foils and Computer Simulations' <i>Phys. Rev. A, 27, 810 (1983)</i> <i>Comment : S. H (7 MeV) -> Cu (Angular effects)</i>	1983-Saka 1750
1983	Semrad, D. Bauer, P. Aumayer, F. Huber, P. Obermann, W. 'Search for an Influence of the Measuring Method on Stopping Cross Section Data Near the Maximum' <i>Nucl. Inst. Methods, 218, 811-816 (1983)</i> <i>Comment : S. H,D (70 - 550 keV/amu) -> Cu Review of experimental methods of measuring stopping powers.</i>	1983-Semr 1763
1984	Bauer, P. Aumayer, F. Semrad, D. Scherzer, B. M. U. 'Measurement of the Stopping Cross Sections for Protons in Copper by Backscattering using Various Methods for Foil-Thickness Determination' <i>Nucl. Inst. Methods, B1, 1 (1984)</i> <i>Comment : S. H(60-500 keV) -> Cu</i>	1984-Baue 1609
1984	Bauer, P. Semrad, D. Golser, R. 'Investigation of Hydrogen Stopping in Noble Metals around the Stopping Power Maximum' <i>Nucl. Inst. Methods, B2, 149 (1984)</i> <i>Comment : S. H, D (50-500 keV/amu) -> Cu, Ag, Au</i>	1984-Baue2 1610
1984	Desmarais, D. Duggan, J. L. 'An Undergraduate Alpha Particle Time of Flight Experiment for Determining the Mean Excitation Energy for Electronic Stopping Power of Al, Cu, Ag and Au' <i>Am. J. Phys., 52, 408-411 (1984)</i> <i>Comment : S. He (2.5-3.8 MeV) -> Al, Cu, Ag, Au</i>	1984-Desm 1638
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> <i>Comment : S. H (7 MeV) -> Be, Al, Cu, Ag, Ta (Angular effects)</i>	1984-Ishi3 1679
1984	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z_1 \leq 5$ ' <i>Nucl. Inst. Methods, B2, 119-122 (1984)</i> <i>Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi</i>	1984-Kris 1467
1984	Malherbe, J. B. 'Implantation Parameters of Low Energy Nitrogen in Copper' <i>Nucl. Inst. Methods, B2, 774-778 (1984)</i> <i>Comment : R. N (0.25-2.5 keV) -> Cu</i>	1984-Malh 1504

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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>	1984-Siro 1770
	<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>	
1985	Bauer, P. Semrad, D. Mertens, P. 'The Influence of Different Experimental Methods on the Measured Energy Dependence of Stopping Powers' <i>Nucl. Inst. Methods, B12, 56 (1985)</i>	1985-Bauc 1611
	<i>Comment : S. H (50-700 keV) -> Cu</i>	
1985	Kuldeep Jain, A. K. 'Stopping Cross Sections of He Ions in Bismuth' <i>Nucl. Inst. Methods, B9, 259-262(1985)</i>	1985-Kuld 1421
	<i>Comment : S. He (1.6-3.4 MeV) -> Bi, Cu</i>	
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>	1985-Land 1454
	<i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	
1986	Bimbot, R. Gauvin, H. Orliange, I. 'Stopping Powers of Solids for Ar and Ca Ions at Intermediate Energies (20-80 MeV/amu)' <i>Nucl. Inst. Methods, B17, 1-10 (1986)</i>	1986-Bimb 1429
	<i>Comment : S. Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	
1986	Ishiwari, R. Sakamoto, N. Ogawa, H. 'Geometric Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of Protons in Cu in the Energy Range from 3-7 MeV' <i>Nucl. Inst. Methods, B13, 111 (1986)</i>	1986-Ishi 1681
	<i>Comment : S. H(3-7 MeV) -> Cu (angular effects)</i>	
1986	Lin, H. H. Li, L. W. Norbeck, E. 'Stopping Powers of C, Al, Ni, Cu, In, Sn, Ag and Au for ⁷ Li Ions of 1.0-4.7 MeV' <i>Nucl. Inst. Methods, B17, 91-96 (1986)</i>	1986-Lin 1428
	<i>Comment : S. Li (1.0-4.7 MeV) -> C, Al, Ni, Cu, In, Sn, Ag, Au</i>	
1986	Mertens, P. Bauer, P. Semrad, D. 'Proton Stopping Powers in Al, Ni, Cu, Ag and Au Measured Comparatively on Identical Targets in Backscattering and Transmission Geometry' <i>Nucl. Inst. Methods, B15, 91-95 (1986)</i>	1986-Mert2 1434
	<i>Comment : S. H, D (30-600 keV) -> Al, Ni, Cu, Ag, Au</i>	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Semrad, D. Mertens, P. Bauer, P. 'Reference Proton Stopping Cross Sections for Five Elements around the Maximum' <i>Nucl. Inst. Methods, B15, 86-90 (1986)</i>	1986-Semr3
	<i>Comment</i> : S. H (30-700 keV) -> Al, Ni, Cu, Ag, Au	1474
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>	1987-Fink
	<i>Comment</i> : 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	1645
1987	Gauvin, H. Bimbot, R. Herault, J. Anne, R. Bastin, G. 'Stopping Powers of Solids for 16O Ions at Intermediate Energies (20-95 MeV/amu)' <i>Nucl. Inst. Methods, B28, 191-194 (1987)</i>	1987-Gauv
	<i>Comment</i> : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar	1400
1987	Harith, M. A. Osman, W. H. Gaafar, N. S. El-Nadi, L. M. 'Stopping Power Measurements for MegaElectron Volt He Ions via Thin Films of Metals and Binary Metal Alloys' <i>Thin Solid Films, 149, 219 (1987)</i>	1987-Hari
	<i>Comment</i> : S. He (1.2-1.8 MeV) -> Cu, Ag, CuAg Alloys.	1967
1987	Neuwirth, W. 'On the Precision of Stopping Power Data for Lithium Projectiles Obtained with the IDSA-Method' <i>Nucl. Inst. Methods, B27, 335-337 (1987)</i>	1987-Neuw
	<i>Comment</i> : S. Li (175 keV) -> C, Al, Cu	1498
1987	Niiler, A. 'Stopping Power Uncertainty Effects in Thick Target RBS Analysis' <i>Nucl. Inst. Methods, B24/25, 358 (1987)</i>	1987-Niil
	<i>Comment</i> : S. H (0.2-1.0 MeV) -> Cu, Ni, Al (RBS simulation)	1729
1987	Zielinski, M. Baek, W. Y. Bharuth-Ram, K. Gassen, D. Neuwirth, W. 'Energy Loss of 14N Ions in Ni, Ag and Cu and the Lifetimes of the States at 2.3 and 3.9 MeV in 14N' <i>Phys. Rev. A, 36, 11, 5170-5177 (1987)</i>	1987-Ziel
	<i>Comment</i> : S. Ni (2.3-3.9 MeV) -> Ni, Ag, Cu	1471
1988	Bednyakov, A. A. Nikolaev, V. S. Sobakin, V. P. 'The Penetration of Nitrogen and Oxygen Ions with Energy of 30-330 keV/amu through Metallic Films: Energy Loss, Multiple Scattering and Effective Charge' <i>All-Union Institute of Scientific and Technical Information, deposit # VINITI-5526-B88, Moscow (1988)</i>	1988-Bedn
	<i>Comment</i> : S, dS. N, O (30-330 keV/amu) -> Al, Cu, Ag, Au	2237

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1988	Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i>	1988-Hera 1972
	<i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -> Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i>	
1988	Ishiwari, R. Shiomi, Tsuda, N. Sakamoto, N. 'Stopping Powers of Al and Cu for Protons from 3-9 MeV' <i>Nucl. Inst. Methods, B35, 118 (1988)</i>	1988-Ishi 1683
	<i>Comment : S. H(3-9 MeV) -> Al, Cu (mean excitation energies)</i>	
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>	1988-Ishi2 1682
	<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)</i>	
1989	Bimbot, R. Gauvin, H. Herault, J. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Solids and Gases' <i>Rad. Effects, 110, 15-17 (1989)</i>	1989-Bimb3 1936
	<i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (20-95 MeV/amu) -> 10 Gases, 12 Solids</i>	
1989	Borgesen, P. Lilienfeld, D. A. 'Stopping Cross Sections for RBS Analysis of High-Tc Superconductors' <i>Nucl. Inst. Methods, B36, 1-6 (1989)</i>	1989-Borg 1943
	<i>Comment : S. He (0.6-5.14 MeV) -> Y, Ba, Cu, YBa2Cu3O7</i>	
1990	Aripov, K. A. Iskanderova, N. G. 'Orientation of the Energy Distributions of Na and K Ions Passing through Single Crystal Copper Films' <i>Radioteknika I. Elek. (USSR), 35, 73-78 (English: Sov. J. Comm. Tech. & Elec., 35, 73-78 1990)</i>	1990-Arip 1919
	<i>Comment : S. Na, K (18-20 keV -> Cu (random and channeled)</i>	
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>	1990-Arst 1923
	<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	Bauer, P. 'Stopping Power of Light Ions near the Maximum' <i>Nucl. Inst. Methods, B45, 673 (1990)</i>	1990-Baue 1608
	<i>Comment : S. H, H- (30-700 keV) -> C, Al, Si, Ni, Cu, Ag, Au, SiO2, HC2, Al2O3</i>	

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Abdesselam, A. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Slowing Down of Heavy Ions in Solids near the Stopping Power Maximum' <i>Nucl. Inst. Methods, B56/57, 355-357 (1991)</i> <i>Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au</i>	1991-Abde 1913
1991	Abdesselam, N. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of C and Al Ions in Solids' <i>Nucl. Inst. Methods, B61, 385-393 (1991)</i> <i>Comment : S. C, Al (.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta and Au</i>	1991-Abde2 1906
1991	Kuronen, A. 'A Study of Stopping Power using Nuclear Methods' <i>Comm. Physico-Math. (Finland), 122, 1-36 (1991)</i> <i>Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)</i>	1991-Kuro 1914
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> <i>Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt</i>	1991-Saka 1753
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Cu, I and Au Stopping Powers in Solid Targets' <i>Nucl. Inst. Methods, B72, 7-15 (1992)</i> <i>Comment : S. Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au</i>	1992-Abde2 1882
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
1993	Abdesselam, M. Stoquert, J. P. Hage-Ali, M. Grob, J. J. Siffert, P. 'C-12, N15 and O-16 Stopping Powers between 0.5-3.4 MeV in Solid Targets' <i>Nucl. Inst. Methods, B73, 115-122 (1993)</i> <i>Comment : S. C, N, O (0.5-3.4 MeV) -> Al, Cu, Ag and Au</i>	1993-Abde 1875
1994	Bae, Y. D. Bak, H. I. 'Measurement of He Ion Stopping Cross Sections for Cu, Ag and Au around the Maximum' <i>New Physics (Korea), 34, 423-433 (1994)</i> <i>Comment : S. He (0.2-2.0 MeV) -> Cu, Ag, Au</i>	1994-Bae 1666

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Bak, H. I. Bae, Y. D. Kim, C. S. Kim, M. S. 'Measurement of the Stopping Cross Sections of Cu, Ag, Au for 0.2-1.9 MeV He Ions' <i>Nucl. Inst. Methods, B93, 234-240 (1994)</i> <i>Comment : S. He (0.2-1.9 MeV) -> Cu, Ag, Au</i>	1994-Bak 1472
1994	Benka, O. Steinbauer, E. Bauer, P. 'Kinetic Electron Emission Yield induced by H and He Ions versus Stopping Power for Al, Cu, Ag and Au' <i>Nucl. Inst. Methods, B90, 64-66 (1994)</i> <i>Comment : S. H, He (0.5-4.8 MeV) -> Al, Cu, Ag, Au Electron emission effects.</i>	1994-Benk 2045
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys. Rev. Letters, 73, 50-53 (1994)</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche 1852
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys.Rev.Lett. 73, 50-53, 1994</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche2 2323
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> <i>Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1994-Shio 2051
1995	Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Pwer for Low Velocity Heavy Ions: Si Ions (0.01-0.9 MeV/amu) in 18 (Z=13-79) Metals' <i>Nucl. Inst. Methods, B101, 321-326 (1995)</i> <i>Comment : S. Si (0.01-0.9 MeV/amu) -> 18 Metals (Z=13-79)</i>	1995-Arst 1840
1995	Bak, H. Bae, Y. D. Byun, S. H. 'Reliability Analysis for the Method of Stopping Cross Section Determination with the Energy Width of RBS' <i>Sae Mulli (Korea), 35, 202-206 (1995)</i> <i>Comment : S. He (0.4-2.0 MeV) -> Cu, Ag, Au</i>	1995-Bak 1839
1995	Hae-Ill-Bak Young-Dug-Bae Soo-Hyun-Byun 'Reliability Analysis for the Method of Stopping Cross-Section Determination with the Energy Width of Rutherford Backscattering Spectrum' <i>Sae-Mulli, 35, 202-206 (1995)</i> <i>Comment : S. dS. He (0.4 - 2.0 MeV) -> Cu, Ag, Au</i>	1995-Hae 2379

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Ouichaoui, S. Rosier, L. Hourany, E. Bimbot, R. Redjidal, N. 'Stopping Powers of Al, Cu, Ag and Au Media for S, Br, and I Ions' <i>Nucl. Inst. Methods, B95, 463-469 (1995)</i> <i>Comment : S, S, Br (2 MeV/amu), I (1.47 MeV/amu) -> Al, Cu, Ag, Au</i>	1995-Ouic 1850
1996	Cheng, H. S. Yu, Y. C. Wang, C. W. Lin, E. K. Liu, T. Y. 'Backscattering Studies of Li, C and O Ions at Energies 3-15 MeV' <i>Nucl. Inst. Methods, B118, 408-413 (1996)</i> <i>Comment : S, Li, C, O (3-15 MeV) -> Au, Cu</i>	1996-Chen 2034
1996	Li, Z. Zhao, G. Z. Tang, J. Y. Yang, F. 'Measurement of Stopping Powers of 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb' <i>Nucl. Tech., 19, 492-496 (1996)</i> <i>Comment : S, Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	1996-Li 2 1281
1996	Li, Z. Zhou, Z. Y. Zhao, G. Q. Tang, J. Y. Yang, F. 'Measured Stopping Powers for 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb Foils and in a Thin Si Crystal' <i>Nucl. Inst. Methods, B115, 98-101 (1996)</i> <i>Comment : S, Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	1996-Li 3 1816
1997	Jokinen, J. 'Stopping Powers of C, Al and Cu for use in ERDA Analyses with Probing MeV-Energy Au Ions' <i>Nucl. Inst. Methods, B124, 447-452 (1997)</i> <i>Comment : S, Au, C, Al, Au -> C, Al, Cu</i>	1997-Joki2 2240
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
1997	Muller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Anti-Protons on Light and Heavy Targets' <i>Phys. Rev., 56A, 2930-2939 (1997)</i> <i>Comment : S, Anti-protons (H-) -> Al, Si, Ti, Cu, Ag, Ta, Pt, Au</i>	1997-Mull2 2318
1997	Vakevainen, K. 'Stopping Cross Sections of ZnSe, Zn and Cu for H, He and Li Ions' <i>Nucl. Inst. Methods, B122, 187-193 (1997)</i> <i>Comment : S, H, He, Li (0.4-8.9 MeV) -> ZnSe, Zn, Cu</i>	1997-Vake 2163
1998	Geissel, H. Scheidenberger, C. 'Slowing Down of Relativistic Heavy Ions and New Applications' <i>Nucl. Inst. And Methods, B136-138, 114-124 (1998)</i> <i>Comment : S, dS, O, Ar, Kr, Xe, Au, U (beta=0.1-1) -> Be, Cu</i>	1998-Geis 2319

Citations for Target : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1998	Tan, C. Wang, F. Xia, Y. Zhang, Z. Mu, Y. 'Electronic Stopping Powers of Au, Ag, Cu, Pd and Co Metals for F-19 Ions at Low Velocity' <i>Nucl. Inst. Methods, B135, 113-117 (1998)</i> <i>Comment : S. F (80-350 keV) -> Co, Pd, Cu, Ag, Au</i>	1998-Tan 2329
1998	Zhang, T. Lu, X. Xia, Z. Shen, D. 'Measured Stopping Power for B-11 Ions in Z = 6-47 Targets' <i>Phys. Rev. B, B57, 10213-10216 (1998)</i> <i>Comment : S. B (0.5-5.2 MeV) -> C, Al, Ti, Cu, Nb, Ag,</i>	1998-Zhan 2330
1998	Zhang, T. Zhai, Y. Xia, Z. Shen, D. Wang, X. 'Stopping Power for MeV C-12 Ions in Solids' <i>Nucl. Inst. Methods, B135, 169-174 (1998)</i> <i>Comment : S. C (0.3 - 6.4 MeV) -> C, Al, Ti, Cu, Nb, Ag</i>	1998-Zhan2 2331
2000	Lu, X. Xia, Z. Zheng, T. Shen, Y. 'Stopping Powers of C, Al, Ti, Cu, Nb and Ag for O-16 and F-19 Ions' <i>Nucl. Inst. Methods, B168, 287-293 (2000)</i> <i>Comment : S. O, F (0.4 - 5.7 MeV) -> C, Al, Ti, Cu, Nb, Ag</i>	2000-Lu 2339
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Cortina, D. 'Drastic Enhancement of Energy-Loss Straggling of Relativistic Heavy Ions due to Charge-State Fluctuations' <i>Phys. Rev. Lett., 85, 2725-2728 (2000)</i> <i>Comment : dS. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Ag,Au,Ta,Pb,Al,Bi,Cu,</i>	2000-Weic 2347
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Baumann, T. 'Slowing Down of Relativistic Few-Electron Heavy Ions' <i>Nucl. Inst. Methods, B164-165, 168-179 (2000)</i> <i>Comment : S. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Al,Cu,Ag,Ta,Au,Pb</i>	2000-Weic2 2352
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
2004	Lu, X. Zheng, T. Xia, Z. Shen, D. 'Measured Stopping Power for 16-O Ions in Al, Cu and Ag Foils' <i>Applied Surf. Science, 221, 10-12 (2004)</i> <i>Comment : S. O -> Al, Cu, Ag</i>	2004-Lu 3114