

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
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
1952	Thompson, H. J. 'Effect of Chemical Structure on Stopping Powers for High-Energy Protons' <i>UCRL Rpt. 1910</i> (1952) <i>Comment</i> : S. Rel. To Cu. 270 MeV H -> H2, C, N2, O2, Cl2	1952-Thom 0147
1959	Zrelov, 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
1961	Barkan, S. 'Stopping Power of C for 210Po Alpha-Particles' <i>Nuovo Cimento</i> , 20, 443-49 (1961) <i>Comment</i> : R. 5.3 MeV He -> C. Ranges From Transmission Through Thick Foils.	1961-Bark 0167
1961	Porat, D. I. Ramavataram, K. 'The Energy Loss and Ranges of Carbon and Oxygen Ions in Solids' <i>Proc. Phys. Soc.</i> , 77, 97-102 (1961) <i>Comment</i> : S. 0.36 - 3.2 MeV O, C -> C, Al, Ni, Ag, Au	1961-Pora 0249
1961	Porat, D. I. Ramavataram, K. 'Differential Energy Loss and Ranges of Ne, N, and He Ions' <i>Proc. Phys. Soc.</i> , 78, 1135-43 (1961) <i>Comment</i> : S. (0.4 - 6.2 MeV) D, He, Ne, N -> C, Al, Ni, Ag, Au	1961-Pora2 0250
1961	Softky, S. D. 'Ratio of Atomic Stopping Power of Graphite and Diamond for 1 MeV Protons' <i>Phys. Rev.</i> , 123, 1085-91 (1961) <i>Comment</i> : S. 1.1 MeV H -> C	1961-Soft 0369
1962	Powers, D. Whaling, W. 'Range of Heavy Ions in Solids' <i>Phys. Rev.</i> , 126, 61-69 (1962) <i>Comment</i> : R. 50-500 keV N, Ne, Ar, Kr, Xe -> Be, B, C, Al	1962-Powe 0164

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1962	VanWijngaarden, A. Duckworth, H. E. 'Energy Loss in Condensed Matter of 1H, and 4He in the Energy Range 4 < E < 30 keV' <i>Can. J. Phys.</i> , 40, 1749-64 (1962)	1962-VanW 0356
	<i>Comment</i> : S. 4-30 keV H, He -> C, Al2O3	
1963	Ormrod, J. H. Duckworth, H. E. 'Stopping Cross Sections in Carbon for Low-Energy Atoms with Z < 12' <i>Can. J. Phys.</i> , 41, 1424-42 (1963)	1963-Ormr 0166
	<i>Comment</i> : S. (10-130 keV) H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> C	
1964	Moak, C. D. 'Experiments with Heavy Ions' <i>Nucl. Inst. Methods</i> , 28, 155-9 (1964)	1964-Moak 0909
	<i>Comment</i> : S. 22-115 MeV I -> C, Al, Ni, Au	
1964	Moak, C. D. Brown, M. D. 'Some Stopping Powers for Iodine Ions' <i>Phys. Rev. Letters</i> , 11, 284-85 (1964)	1964-Moak2 0170
	<i>Comment</i> : S. 25-115 MeV 127I -> C, Al, Ni, Au	
1964	Morsell, A. L. 'Proton Energy-Loss Distributions from Thin Carbon Films' <i>Phys. Rev. A</i> , 135, 1436-43 (1964)	1964-Mors 0190
	<i>Comment</i> : S, dS. 990 keV H -> C	
1965	Booth, W. Grant, I. S. 'The Energy Loss of Oxygen and Chlorine Ions in Solids' <i>Nucl. Phys.</i> , 63, 481-95 (1965)	1965-Boot 0195
	<i>Comment</i> : S. 2-24 MeV O, 4-40 MeV Cl -> C, Al, Ni, Ag, Au	
1965	Moorhead, R. D. 'Stopping Cross Sections of Low Atomic Number Materials for He+ 65-180 keV' <i>J. Appl. Phys.</i> , 36, 391-96 (1965)	1965-Moor 0217
	<i>Comment</i> : S. 65 - 180 keV H, He -> C, He -> Al, Cr	
1965	Ophel, T. R. Morris, J. M. 'Measurement of the Energy Distribution of Charged Particles after Passage through a Thin Foil' <i>Phys. Letters</i> , 19, 245-47 (1965)	1965-Ophe 0597
	<i>Comment</i> : dS. 1.0L MeV H -> C	
1965	Pivovar, L. I. Nikolaichuk, L. I. Rashkovan, V. M. 'Passage of Lithium Ions through Condensed Targets' <i>Zh. Eksp. Teor. Fiz.</i> , 47, 1221-27 (1964) [<i>Engl. Trans. Sov. Phys. JETP</i> , 20, 225-29 (1965)]	1965-Pivo 0194
	<i>Comment</i> : S. 20-145 keV Li -> C	

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1965	Sautter, C. A. Zimmermann, E. J. 'Stopping Cross Sections of Carbon and Hydrocarbon Solids for Low-Energy Protons and Helium Ions' <i>Phys. Rev. A, 140, 490-98 (1965).</i> <i>Comment : S. 30-350 keV H, He -> C, Plastics</i>	1965-Saut 0232
1966	Fastrup, B. Hvelplund, P. Sautter, C. A. 'Stopping Cross Section in Carbon of 0.1-1.0 MeV Atoms with $5 < Z < 20$ ' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys. Medd., 35, No. 10, 1-28 (1966)</i> <i>Comment : S. (80-900 keV) H, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar->C</i>	1966-Fast 0247
1966	Marx, D. 'Messung Des Bremsvermögens von Pb208 - Alpha - Ruckstoss-Kernen in Fester Materie' <i>Z. Physik, 195, 26-43 (1966)</i> <i>Comment : S. 169 keV 208Pb -> C, Ag, Au</i>	1966-Marx 0261
1966	Moak, C. D. Brown, M. D. 'Some Heavy-Ion Stopping Powers' <i>Phys. Rev., 149, 244-45 (1966)</i> <i>Comment : S. 10-100 MeV Br, I -> Be, C, Al, Ni, Ag, Au</i>	1966-Moak 0270
1966	Palmer, R. B. J. 'The Stopping of Hydrogen and Hydrocarbon Vapours for Alpha Particles over the Energy Range 1-8 MeV' <i>Proc. Phys. Soc., 87, 681-88 (1966)</i> <i>Comment : S. 1-8 MeV He -> H, C, Many Hydrocarbons</i>	1966-Palm 0244
1967	Bridwell, L. B. Northcliffe, L. C. Datz, S. Moak, C. D. Lutz, H. O. 'Stopping Powers for Iodine Ions at Energies Up to 200 MeV' <i>Phys. Rev., 159, 276-77 (1967)</i> <i>Comment : S. 90-200 MeV I -> Be, C, Al, Ni, Ag, Au, UF4</i>	1967-Brid2 0289
1967	Bridwell, L. B. Northcliffe, L. C. Datz, S. Moak, C. D. Lutz, H. O. 'Stopping Power of C, Al, Ni, Ag, Au, and UF4 for 10-200 MeV 127I Ions' <i>Bull. Am. Phys. Soc., 12, 28b (1967)</i> <i>Comment : S. 10-200 MeV 127I -> C, Al, Ni, Ag, Au, UF4</i>	1967-Brid3 0293
1967	Gorodetzky, S. Chevallier, A. Pape, A. Sers, J. C. Bergdolt, A. M. 'Mesure Des Pouvoirs D'Arret De C, Ca, Au Et Ca Pours Des Protons D'Energie Comprise Entre Et 6 MeV.' <i>Nucl. Phys., A91, 133-44 (1967)</i> <i>Comment : S. 0.4-6.0 MeV H -> C, Ca, Au, CaF2</i>	1967-Goro 0279
1967	Hvelplund, P. 'Specialeopgave' <i>Aarhus University (1967) (See Phys. Rev., 165, 408-14 (1968))</i> <i>Comment : S. 200-1200 keV Heavy Ions -> C</i>	1967-Hvel 0294

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1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia), 4, 549-55 (1966)[Engl. Trans. Sov. Phys. Nucl. Phys., 4, 390-94 (1967)]</i>	1967-Vasi 0313
	<i>Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb</i>	
1968	Chu, W. K. Bourland, P. D. Wang, K. H. Powers, D. 'Range and dE/dx of C, N, O, F, and Ne in Be and C from 500 keV to 2 MeV' <i>Phys. Rev., 175, 342-53 (1968)</i>	1968-Chu 0350
	<i>Comment : S,R. (0.2-2.0) MeV C, N, O, F, Be; 0.2-1.5 MeV O -> C, 0.5-2.0 MeV Ne -> Be, C</i>	
1968	Hvelplund, P. Fastrup, B. 'Stopping Cross Section in Carbon of 0.2 - 1.5 MeV Atoms with $21 \leq Z1 \leq 39$.' <i>Phys. Rev., 165, 408-14 (1968)</i>	1968-Hvel2 0315
	<i>Comment : S. (230 - 1470 keV) Sc, Ti, Cr, Mn, Fe, Co, Cu, Ge, Br, W, Y -> C</i>	
1968	Poole, D. H. Warner, A. G. Hancock, R. Woodley, R. L. 'Stopping Cross-Section Measurements in Carbon using Recoil from Radioactive Decay' <i>Brit. J. Appl. Phys., 1, 309-12 (1968)</i>	1968-Pool 0344
	<i>Comment : S, dS. 169 keV Pb -> C</i>	
1969	Arkipov, E. P. Gott, Yu. V. 'Slowing Down of 0.5 - 30 keV Protons in Some Materials.' <i>Zh. Eksp. Teor. Fiz., 56, 1146-51 (1969). [Engl. Trans. Sov. Phys. JETP, 29, 615-18 (1969)]</i>	1969-Ark 0410
	<i>Comment : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi</i>	
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., 35, 285-89 (1969)</i>	1969-Bern 0395
	<i>Comment : S. 30-100 keV Li -> C, Al, Ti, Ni, Cu</i>	
1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev., 187, 478-90 (1969)</i>	1969-Chu 0382
	<i>Comment : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn</i>	
1969	Kalish, R. Grodzins, L. Chmara, F. Rose, P. H. 'Stopping Power of Solids for Fast Moving Tantalum Ions' <i>Phys. Rev., 183, 431-35 (1969)</i>	1969-Kali 0394
	<i>Comment : S. 10-140 MeV Ta -> C, Al, Ag, Au</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>	

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1970	Bernstein, W. Cole, A. J. Wax, R. L. 'Penetration of 1-20 keV Ions through Thin Carbon Foils' <i>Nucl. Inst. Methods, 90, 325-28 (1970)</i> <i>Comment : S. 1-20 keV H, O, He, Li, N, Ne, K -> C</i>	1970-Bern 0658
1970	Hogberg, G. Norden, H. Berry, H. G. 'Angular Distributions of ions Scattered in Thin Carbon Foils' <i>Nucl. Inst. Methods, 90, 283-288 (1970)</i> <i>Comment : S. H, D, He, Li, N, Ne, Ar (3-45 keV) -> C Energy loss vs. Angular Effects.</i>	1970-Hogb2 1668
1970	Vavilov, V. S. Galkin, V. V. Krasnopevtsev, V. V. Milyutin, Yu. V. 'Distribution of the Conductivity with Depth in Diamond Doped by Bombardment with 10-45 keV Li7 Ions' <i>Fiz. Tekh. Poluprovodnikov, 4, 1180-82 (1970). [Engl. Trans. Sov. Phys. Semicond., 4, 1000-02 (1970)]</i> <i>Comment : R. 10-45 keV Li -> Diamond</i>	1970-Vavi 0809
1970	Walsh, P. J. Underwood, N. 'Energy Loss of Heavy Charged Particles' <i>Health Phys., 18, 561-565 (1970)</i> <i>Comment : S. H (0.3-8 MeV) -> H, He, Li, C. Theory, compared to experiments.</i>	1970-Wals 1950
1971	Bridwell, L. Walters, A. L. 'Stopping Cross Sections for Fission Fragments of 252Cf by Gold, Silver, and Carbon' <i>Phys. Rev. B, 3, 2149-53 (1971)</i> <i>Comment : S. Fiss. Fragm. -> C, Ag, Au</i>	1971-Brid 0476
1971	Hakim, M. Schafrir, N. H. '252Cf Fission Fragment Energy Loss Measurements in Elementary Gases and Solids as Compared with Theory' <i>Can. J. Phys., 49, 3024-35 (1971)</i> <i>Comment : S. Fiss. Fragm. -> H2 D2, He, C, N2 O2, Ne, Al, Ar, Ni, Cu, Kr, Ag, Xe, Au</i>	1971-Haki 0432
1971	Hogberg, G. 'Electronic and Nuclear Stopping Cross Sections in Carbon' <i>Phys. Stat. Sol. B, 48, 829-41 (1971)</i> <i>Comment : S. (10-46 keV) Li, B, N, C, O, F, Ne, Na, P, Ar -> C</i>	1971-Hogb 0479
1971	Hogberg, G. 'Stopping Cross Section for 50 keV Neon Ions Scattered in Thin Carbon Films' <i>Phys. Letters A, 35, 327-28 (1971)</i> <i>Comment : S. Dep. On Scatt. Angle, 50 keV Ne -> C</i>	1971-Hogb2 0487

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1971	Hogberg, G. 'Stopping Cross Sections for 50 keV Neon Ions Scattered in Thin Carbon Films' <i>Phys. Letters, 35A, 327-328 (1971)</i> <i>Comment : S. Ne (50 keV) -> C</i>	1971-Hogb3 1665
1971	Johansen, A. Steenstrup, S. Wohlenberg, T. 'Energy Loss of Protons in Thin Films of Carbon Aluminum and Silver' <i>Rad. Effects, 8, 31-32 (1971)</i> <i>Comment : S. 70-90 keV H -> C, Al, Ag</i>	1971-Joha 0430
1971	Majure, J. C. Hooper, J. W. 'An Experimental Investigation of the Characteristic Energy Losses of 3-10 keV Lithium Particles in Thin Films' <i>Georgia Inst. Tech. Rep. Oro-3027-20, Pp. 1-179 (1971)</i> <i>Comment : S,dS. Dep. On Scatt. Angle. 3-10 keV Li -> C</i>	1971-Maju 0420
1972	Andersen, T. Madsen, O. H. Sorensen, G. 'Beam-Foil Spectroscopy at Low Initial Ion Energies' <i>Physica Scripta, 6, 125-30 (1972)</i> <i>Comment : S. 90-300 keV Xe -> C</i>	1972-Ande 0720
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> <i>Comment : R. 50 keV Al -> C, Cu, Mo, Ta</i>	1972-Bist 0461
1972	Broude, C. Engelstein, P. Popp, M. Tandon, P. N. 'Dependence of the Doppler Shift Lifetime Method on Slowing Environment' <i>Phys. Letters, 39B, 185-187 (1972)</i> <i>Comment : S. Ne (1 MeV) -> C, Mg, Si, + 32 other materials. Doppler shift attenuation measurements (crude).</i>	1972-Brou 1630
1972	Brown, M. D. 'Interaction of Uranium Ions in Solids' <i>Ph.D. Thesis, University of Tennessee (1972)</i> <i>Comment : S. 30-95 MeV 238U -> C, Al, Ni, Ag, Au</i>	1972-Brow 0946
1972	Brown, M. D. Moak, C. D. 'Stopping Powers of Some Solids for 30-90-MeV 238U Ions' <i>Phys. Rev. B, 6, 90-94 (1972)</i> <i>Comment : S. 30-90 MeV 238U -> C, Al, Ni, Ag, Au</i>	1972-Brow2 0477
1972	Demichelis, F. Liscia, R. Tartaglia, A. 'Range of Fission Fragments in Light Solid Materials' <i>Nuovo Cimento, 10B, 523-537 (1972)</i> <i>Comment : R. 100-500 keV Fission Fragments -> Be, C, Al, Si</i>	1972-Demi 1002

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1972	Hogberg, G. Skoog, R. 'Non-Evidence for Z1, Oscillations of the Nuclear Ion-Atom Interaction in an Amorphous Target' <i>Rad. Effects, 13, 197-202 (1972)</i>	1972-Hogb 0488
	<i>Comment : S. 50 keV Li, B, C, N, O, F, Ne, Na, Mg, P, Ar -> C</i>	
1972	Williamson, J. Watt, D. E. 'The Influence of Molecular Binding on the Stopping Power of Alpha Particles in Hydrocarbons' <i>Phys. Med. Biol., 17, 486-92 (1972)</i>	1972-Will 0233
	<i>Comment : S. 1.5 MeV He -> C, H, Many Hydrocarbons</i>	
1973	Carriveau, G. W. Beauchemin, G. Knystautas, E. J. Pinnington, E. H. Drouin, R. 'Energy Loss Measurements of Low Energy Ions in Thin Carbon Foils' <i>Phys. Letters A, 46, 29-30 (1973)</i>	1973-Carr 0719
	<i>Comment : S. Rel. To 60 keV P. 100, 200 keV N, Ne, Ar, Mn, Kr, Xe -> C</i>	
1973	Samuel, B. Matthias, D. Ann, T. 'Radiation Damage to Carbonaceous Deposits from Alpha Particles' <i>Biol. Res. Methods, A00, 26-34 (1973)</i>	1973-Samu 2412
	<i>Comment : S. R. He (1-8 MeV) -> Biol. Samples and Hydrocarbons</i>	
1973	Shnidman, R. Tapphooon, R. M. Geller, K. N. 'Recoil Fraction Technique for Measuring Nuclear and Electronic Stopping Powers' <i>Appl. Phys. Letters, 22, 551-53 (1973)</i>	1973-Shni 0015
	<i>Comment : S. 0.4 - 1.5 MeV C -> C</i>	
1973	Vavilov, V. S. Gukasyan, M. A. Konorova, E. A. Milyutin, Yu. V. 'Implantation of Antimony Ions into Diamond' <i>Fiz. Tekh. Poluprovodnikov, 6, 2384-91 (1972). [Engl. Trans. Sov. Phys. Semicond., 6, 2384-91 (1973)]</i>	1973-Vavi 0810
	<i>Comment : R. 40 keV Sb -> C (Diamond)</i>	
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>	1974-Bagl 1583
	<i>Comment : S. He (2 MeV) -> Si, Rh, Hf, Al, W, C, and many compounds</i>	
1974	Brandt, W. Ratkowski, A. Ritchie, R. H. 'Energy Loss of Swift Proton Clusters in Solids' <i>Phys. Rev. Letters, 33, 1325-28 (1974)</i>	1974-Bran 0670
	<i>Comment : S Rel. To H+ 60-300 keV H+, 75, 150 keV H2+, 60-100 keV H3+ -> C, Au</i>	
1974	Loew, R. 'Charge-State and Energy Distributions of Xenon Ions in Carbon' <i>Nucl. Inst. Methods, 118, 504-08 (1974)</i>	1974-Loew 0624
	<i>Comment : S. 300-700 keV Xe -> C</i>	

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1975	Beauchemin, G. Drouin, R. 'Angular Behaviour of Stopping Powers in Carbon for Heavy Ions Below 250 keV' <i>J. L. Duggan, I. L. Morgan (Ed.): Proc. 3rd Int. Conf. Appl. of Small Accelerators. Erda Tech. Info.Cntr.741040-P1, P.336-46 (1975)</i> <i>Comment : S. Dep. On Scatt. Angle 50-250 keV Ar -> C</i>	1975-Beau 0636
1975	Efken, B. Hahn, D. Hilscher, D. Wustefeld 'Energy Loss and Energy Loss Straggling of N, Ne and Ar Ions in Thin Targets' <i>Nucl. Inst. Methods, 129, 219-225 (1975).</i> <i>Comment : S, dS. (10-15 MeV) N, Ne, Ar -> N2, He, SFH, Ar, C, SF6,</i>	1975-Efke 0792
1975	Gemmell, D. S. Remillieux, J. Poizat, J. -C. Gaillard, M. J. Holland, R. E. 'Evidence for an Alignment Effect in the Motion of Swift Ion Clusters through Solids' <i>Phys. Rev. Letters, 34, 1420-4 (1975)</i> <i>Comment : S, dS. Molecular Hydrogen Beams (1.6- 4 MeV) -> Au, C, Al, Al2O3</i>	1975-Gemm 1265
1975	Gibson, W. M. Laubert, R. Wegner, H. E. 'Energy Loss of O- and O-2 Beams in Thin Carbon and Nickel Foils' <i>Bull. Am. Phys. Soc., 20, 619 (1975)</i> <i>Comment : S. 2.9 MeV O-, 5.8MeV O2- -> C, Ni</i>	1975-Gibs 0532
1975	Ophel, T. R. Kerr, G. W. 'A Study of the Energy Loss of 0.6 to 4.5 MeV Protons in Thin Carbon Films.' <i>Nucl. Inst. Methods, 128, 149-55 (1975)</i> <i>Comment : S, dS. 0.36-4.5 MeV H -> C</i>	1975-Ophe 0755
1975	Rickards, J. 'Energy Straggling of Protons in Carbon' <i>Nucl. Inst. Methods, 127, 397 (1975)</i> <i>Comment : dS. 460 keV H -> C</i>	1975-Rick 0754
1975	Schmidt, K. H. Clerc, H. G. Wohlfarth, H. Lang, W. Lehmann-Carpzov, W. 'Experimental Evidence for the Influence of the Atomic Shell Structure on the Energy Loss of High Energy Heavy Ions in Matter' <i>Phys. Letters, 56B, 250-2 (1975)</i> <i>Comment : S. Fission Products -> C</i>	1975-Schm 1270
1975	Tape, J. W. Gibson, W. M. Remillieux, J. 'The Energy Loss of H+ and H+2 Beams in Thin Carbon Foils' <i>Bull. Am. Phys. Soc., 20, 618 (1975)</i> <i>Comment : S. 1 MeV H+, 2 MeV H+2 -> C</i>	1975-Tape 0533

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1976	Abele, H. K. Glassel, P. Mair-Komor, P. Scheerer, H. J. Rosler, H. 'A Method for Measuring the Uniformity of Thin Targets by Means of an Alpha Source and a Q3D Spectrograph' <i>Nucl. Inst. Methods, 137, 157-67 (1976)</i> <i>Comment : dS. 8.78 MeV He -> C, Au, Ni, Al, SiO2, Ru</i>	1976-Abel 0911
1976	Armbruster, P. Sistemich, K. Bocquet, J. P. Chauvin, Ch. Glaize, Y. 'Energy Straggling of Heavy Ions (A About 100, E/A About 1 MeV/amu) in Solids and Gases, the Limiting Factor of the Charge Resolving Power of Energy-Loss Detectors' <i>Nucl. Inst. Methods, 132, 120-32 (1976)</i> <i>Comment : dS. 90 MeV Kr, Rb -> Si; 84 MeV Y, Zr -> C; 83 MeV Kr -> Ar</i>	1976-Armb 0863
1976	Blanchard, B. Combasson, J. L. Bourgoin, J. C. 'Boron-Implanted Profiles in Diamond' <i>Appl. Phys. Letters, 28, 7-8 (1976)</i> <i>Comment : R,dR. 40-250 keV B -> C (Diamond)</i>	1976-Blan 0811
1976	Frick, G. Gehringer, C. Heusch, B. Ricaud, Ch. Wagner, P. 'Stripping Study for the GANIL Project' <i>IEEE Trans. Nucl. Sci., NS-23, 1137-9 (1976)</i> <i>Comment : dS. 100 MeV Au, 110 MeV I, 48 MeV Ni -> C</i>	1976-Fric 0915
1976	Hoffman, I. Jager, E. Muller-Jahreis, U. 'Z1-Dependence of Electronic Energy Straggling of Light Ions' <i>Rad. Effects, 31, 57 (1976)</i> <i>Comment : dS. 2 <= Z1 <= 10 (10-100 Kev) -> C, Si</i>	1976-Hoff 1259
1976	Latta, B. M. Scanlon, P. J. 'Atomic Stopping Power Problems Encountered in Measurements of Nuclear gamma-ray Lifetimes by the Doppler-Shift Attenuation Methods' <i>Nucl. Inst. Methods, 132, 133-135 (1976)</i> <i>Comment : S. Ne(1 MeV) -> C, compounds. Doppler shift attenuation analysis.</i>	1976-Latt 1698
1976	Matteson, S. Chau, E. K. L. Powers, D. 'Stopping Cross Section of Bulk Graphite for Alpha Particles' <i>Phys. Rev. A, 14, 169-75 (1976)</i> <i>Comment : S. 0.3-2.0 MeV He -> C</i>	1976-Matt 0879
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

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Olmos, D. Aldape, F. Cavillo, J. Chi, A. Romero, S. 'Energy Dependence of Proton Straggling in Carbon' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 65-74 (1976)</i>	1976-Olmo 0853
	<i>Comment : dS. 0.46-4.79 MeV H -> C</i>	
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>	1976-Piet 0815
	<i>Comment : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds</i>	
1976	Santry, D. C. Werner, R. D. 'Range of Heavy Ions Implanted into Solids as Measured by He Ion Backscattering' <i>Nucl. Inst. Methods, 139, 135-146 (1976)</i>	1976-Sant 1053
	<i>Comment : R, dR. 0.12-2.0 MeV Bi, Xe, Kr -> C, Al, Si</i>	
1976	Scherzer, B. M. U. Behrisch, R. Eckstein, W. Littmark, U. Roth, J. 'Temperature Dependence of Trapping and Depth Profiles of 6 to 15 keV Deuterium in Carbon' <i>J. Nucl. Mater., 63, 100-105 (1976)</i>	1976-Sche2 0938
	<i>Comment : R, dR. 6.75 keV D -> C.</i>	
1976	Schmidt, K. -H. Wohlfarth, H. Clerc, H. -G. Lang, W. Schrader, H. 'Energy Loss, Energy Straggling and Angular Straggling of Heavy Ions in Carbon Foils' <i>Nucl. Inst. Methods, 134, 157-66 (1976)</i>	1976-Schm 0867
	<i>Comment : S, dS. 80-100 MeV Kr, Rb, Sr, Y, Zr, Nb, Sb, Te -> C</i>	
1976	Shane, K. C. Laumer, H. Seaman, G. G. 'Energy Loss of Low-Energy 40Ca Ions in Carbon' <i>J. Appl. Phys., 47, 2286-88 (1976).</i>	1976-Shan 0860
	<i>Comment : S. 121-335 keV 40Ca -> C</i>	
1976	Skoog, R. Augenlicht-Jakobson, K. 'Elastic and Electronic Stopping Cross Sections for Sodium and Argon Projectiles in Carbon' <i>Rad. Effects, 27, 143-149 (1976)</i>	1976-Skoo 0662
	<i>Comment : S. Dep. On Scatt. Angle. 50-150 keV Na, 50-300 keV Ar -> C</i>	
1976	Tape, J. W. Gibson, W. M. Remillieux, J. Laubert, R. Wegner, H. E. 'Energy Loss of Atomic and Molecular Ion Beams in Thin Foils' <i>Nucl. Inst. Methods, 132, 75-77 (1976)</i>	1976-Tape 0869
	<i>Comment : S. 0.3-1.0 MeV/Atom H+, H2+; 1.6-2.9 MeV/Atom O-, O2- -> C</i>	

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1977	Kreysch, G. Muller-Jahreis, U. 'Electronic Energy Stragglings of 40-100 keV Helium Ions in Carbon' <i>Rad. Effects, 31, 101-105 (1977)</i> <i>Comment : dS. 40-100 keV He -> C</i>	1977-Krey 1032
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
1978	Beauchemin, G. Drouin, R. 'The Energy-Angle Distribution of Heavy Particles Penetrating Solids: Experimental Test of the Meyer-Klein-Wedell Theory for Ne and Ar Ions in Carbon Below 250 keV' <i>Nucl. Inst. Methods, (1978)</i> <i>Comment : S, dS. 40-120 keV Ne, 40-240 keV Ar -> C</i>	1978-Beau 1096
1978	Beauchemin, G. Drouin, R. 'Study of Energy Loss Delta E vs. Theta as a Function of Emergence Angle for Neon and Argon Ions on Carbon' <i>Nucl. Inst. Methods, 149, 199-205 (1978)</i> <i>Comment : S, dS. 40-120 keV Ne, 40-240 keV Ar -> C</i>	1978-Beau2 1119
1978	Bimbot, R. DellaNegra, S. Gardes, D. Gauvin, H. Fleury, A. 'Stopping Power Measurements for 4-5 MeV/Nucleon ¹⁶ O, ⁴⁰ Ar, ⁶³ Cu, and ⁸⁴ Kr in C, Al, Ni, Ag, and Au' <i>Nucl. Inst. Methods, 153, 161-169 (1978)</i> <i>Comment : S. 4-5 MeV/amu ¹⁶O, ⁴⁰Ar, ⁶³Cu, ⁸⁴Kr -> C, Al, Ni, Ag, Au</i>	1978-Bimb 1164
1978	Borgesen, P. Bottiger, J. Moller, W. 'Ranges of 10-30 keV Deuterons Implanted into Solids' <i>J. Appl. Phys., 49, 4401-4405 (1978)</i> <i>Comment : R, dR. 10-30 keV D -> C, Al, Ni, Zr</i>	1978-Borg 1191
1978	Bottiger, J. Jensen, P. S. Littmark, U. 'Depth Profiles of ³ He Ions Implanted into Solids at Energies Between 20 and 60 keV' <i>J. Appl. Phys., 49, 965-970 (1978)</i> <i>Comment : R, dR. 20-60 keV ³He -> C, Al, Si, V, Ni, Zr</i>	1978-Bott2 1091
1978	Brice, D.K. Langley, R.A. 'Analysis of Stragglings Measurements by the Backscattering Technique' <i>Nucl. Inst. Methods, 149, 191-194 (1978)</i> <i>Comment : dS. 1.8 - 2.1 MeV H -> C</i>	1978-Bric 1117

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Eckardt, J. C. Lantschner, G. Arista, N. R. Baragiola, R. A. 'Electronic Stopping of Slow Molecular Ions in Solids' <i>J. Phys. C: Sol. State Phys.</i> , 11, L851-855 (1978) <i>Comment</i> : S. 12.5-130 keV/amu H, 2H -> C, Al	1978-Ecka 1157
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</i> , 18, 2022-2029 (1978) <i>Comment</i> : S. 80-8000 keV H, D -> C, Cr, Ni, Cu	1978-Gert 1131
1978	Kalz, D. Kreysch, G. Muller-Jahreis, U. 'Energy Loss Straggling of Low-Energy Protons in Carbon' <i>Rad. Effects</i> , 36, 119-121 (1978) <i>Comment</i> : S, dS. 20-100 keV H -> C	1978-Kalz 1108
1978	Langley, R. A. Blewer, R. S. Roth, J. 'Behaviour of Implanted D and He in Pyrolytic Graphite' <i>J. Nucl. Mater.</i> , 76 and 77, 313-321 (1978) <i>Comment</i> : R, dR. 8 keV 2H, He -> Graphite	1978-Lang 1167
1978	Langley, R. A. Brice, D. K. 'Energy Straggling of Protons in Carbon' <i>Nucl. Inst. Methods</i> , 149 (1978) <i>Comment</i> : dS. 1.8-2.2 MeV H -> C	1978-Lang2 1118
1978	Langley, R. A. Brice, D. K. 'Energy Straggling of Protons in Be, C, Al, Si' <i>Phys. Rev. B</i> , 18, 4673 (1978) <i>Comment</i> : dS. (.5-2.5 MeV) H -> Be, C, Al, Si	1978-Lang3 1149
1978	Nickel, F. Marx, D. Guttner, K. Hofmann, S. Munzenberg, G. 'Multiple Scattering and Energy Loss of Fast Heavy Ions in Thin Solid Targets' <i>Z. Physik A</i> , 288, 125-131 (1978) <i>Comment</i> : S, dS. 1.2 MeV/amu Ar, Kr, Xe, U -> C, Al, Ag, Au	1978-Nick 1247
1978	Nyaiesh, A. R. Steckelmacher, W. Lucas, M. W. 'Energy Loss of Fast H2 Molecules in Solids: II' <i>J. Phys. C: Sol. State Phys.</i> , 11, 2917 (1978) <i>Comment</i> : S. H (100-300 keV) -> C	1978-Nyai 1730
1978	Oetzmann, H. Kalbitzer, S. '4He Stopping Power Measurements by using Ion Implantation and Backscattering Techniques' <i>Intl. Conf. Ion Beam Modification of Materials, Budapest -d</i> (1978) <i>Comment</i> : S. 0.15-1 MeV He -> C, Ge, Si	1978-Oetz 1134

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Pape, H. Clere, H. G. Schmidt, K. H. 'Energy Loss of Heavy Ions in Carbon Foils' <i>Z. Physik A</i> , 286, 159-162 (1978). <i>Comment</i> : S. 0.2-1.4 MeV Ar, Ti, Kr, Xe, Pb, U -> C	1978-Pape 1124
1978	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods</i> , 151, 247-252 (1978) <i>Comment</i> : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi	1978-Rud 1104
1978	Tarle, G. Solarz, M. 'Evidence for Higher-Order Contributions to the Stopping Power of Relativistic Iron Nuclei' <i>Phys. Rev. Letters</i> , 41, 483-486 (1978) <i>Comment</i> : S. 600 MeV/amu 56Fe -> CH2, C16H14O3, C, Al, Pb	1978-Tarl 1173
1979	Andrews, H. R. Lennard, W. N. Mitchell, I. V. Ward, D. Phillips, D. 'Low Energy Stopping Powers Determined by Time of Flight Techniques' <i>IEEE Trans. Nucl. Sci.</i> , NS-26, 1326-1330 (1979) <i>Comment</i> : S. (0.180 <vel.< 0.219 cm/ns) (6 <= Z1 <= 20)-> C, Al, Ni, Ag, Au	1979-Andr 1196
1979	Beauchemin, G. Drouin, R. 'The Energy-Angle Distribution of Heavy Particles Penetrating Solids: Experimental Test of the Meyer-Klein-Wedell Theory for Ne and Ar Ions in Carbon Below 250 keV' <i>Nucl. Inst. Methods</i> , 160, 519-527 (1979) <i>Comment</i> : S, dS. 40-120 keV Ne, 40-240 keV Ar -> C	1979-Beau 1162
1979	Braunstein, G. Bernstein, T. Carsenty, U. Kalish, R. 'Depth Profile of Antimony Implanted into Diamond' <i>J. Appl. Phys.</i> , 50, 5731-35 (1979) <i>Comment</i> : R, dR. 350 keV Sb -> Diamond	1979-Brau 1295
1979	Garnir-Monjoie, F. S. Garnir, H. P. Baudinet-Robinet, Y. Dumont, P. D. 'Empirical Relation for Electronic Stopping Power of Heavy Ions in Carbon' <i>Preprint (1979) 10</i> <i>Comment</i> : S, dS. .01 - 10 MeV/amu C -> C	1979-Garn 1369
1979	Gloeckler, G. Hsieh, K. C. 'Time-of-Flight Technique for Particle Identification at Energies 2-400 keV/amu' <i>Nucl. Inst. Methods</i> , 165, 537-544 (1979) <i>Comment</i> : S, H, He, C, N, Ne, Ar (3-100 keV/amu) -> C	1979-Gloe 1653
1979	Laubert, R. 'Collisional Atomic Physics with Molecular Projectiles' <i>IEEE Trans. Nucl. Sci.</i> , NS-26, 1020 (1979) <i>Comment</i> : S, H2, HeH (50-300 keV) -> C. Angular stopping powers for incident molecular beams.	1979-Laub 1699

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Mertens, P. 'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions' <i>Phys. Rev. A, 19, 1442-1447 (1979)</i>	1979-Mert 1130
	<i>Comment : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au</i>	
1979	Overbury, S. H. Dittner, S. H. Datz, S. Thoe, R. S. 'Energy Loss, Angular Distributions and Charge Fractions of Low Energy Hydrogen Transmitted Through Thin Carbon Foils' <i>Rad. Effects, 41, 219 (1979)</i>	1979-Over 1733
	<i>Comment : S. H(0-3 keV) -> C</i>	
1979	Sander, U. Bukow, H. H. Buttlar, H. 'Correlation of Energy Loss and Crystallographic Transformation in Ion Irradiated Carbon Foils' <i>Nucl. Inst. Methods, 167, 35-39 (1979)</i>	1979-Sand 1755
	<i>Comment : S. He (200-355 keV) -> C. Effects of target crystallization on stopping powers.</i>	
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci., Ns-26, 1331-1334 (1979)</i>	1979-Sant 1197
	<i>Comment : R, dR. 120 keV Mg, Al, P, S, Cl, K, Ar, Cr, Mn, Cu, Zn, Ga, As, Br, Kr, Rb, Ag, In, Sn, Sb, Te, I, Xe, Cs, Ba, Pr, Au, Hg, Tl, Pb, Bi -> Be, C, Al, Si</i>	
1979	Santry, D. C. Werner, R. D. 'Stopping Powers for Heavy Ions in Carbon over the Energy Region 200 to 2000 keV' <i>IEEE Trans. Nucl. Sci., NS-26, 1335-1337 (1979)</i>	1979-Sant2 1198
	<i>Comment : S. 200-2000 keV He, Li, C, N, O -> C</i>	
1979	Santry, D. C. Werner, R. D. 'Thickness Measurements of Thin Foils using Alpha Particles from 148Gd and 241Am' <i>Nucl. Inst. Methods, 159, 523-527 (1979)</i>	1979-Sant3 1350
	<i>Comment : S, dS. 3.138 MeV - 5.486 MeV He -> Be, C, Al, Si, Ni, Ag, Au</i>	
1979	Varelas, C. 'Stopping Powers of Helium and Deuterium in Gold and Carbon' <i>Preprint (1979) 13</i>	1979-Vare 1256
	<i>Comment : S. 30-220 keV 2H, He -> Au, C</i>	
1979	Ward, D. Andrews, H. R. Mitchell, I. V. Lennard, W. N. Walker, R. B. 'Systematics for the Z1-Oscillation in Stopping Powers of Various Solid Materials' <i>Can. J. Phys., 57, 645-656 (1979).</i>	1979-Ward 1165
	<i>Comment : S. (vel.=0.18-0.22 cm/ns) C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca -> C, Al, Ni, Ag, Au</i>	

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1980	Andersen, H. H. Besenbacher, F. Goddixsen, P. 'Stopping Power and Stragglings 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	Bimbot, R. Gardes, D. Geissel, H. Kitahara, T. Armbruster, P. 'Stopping Power Measurements for 3-5 MeV/amu Kr, Xe, Pb and U in Solids' <i>Nucl. Inst. Methods, 174, 231-236 (1980)</i> <i>Comment : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan</i>	1980-Bimb 1408
1980	Braunstein, G. Talmi, A. Kalish, R. Bernstein, T. Beserman, R. 'Radiation Damage and Annealing in Sb Implanted Diamond' <i>Rad. Effects, 48, 139-144 (1980)</i> <i>Comment : R, dR. 350 keV Sb -> C</i>	1980-Brau 1383
1980	Fearick, R. W. Sellschop, J. P. F. 'Energy Loss of Light Ions in Diamonds' <i>Nucl. Inst. Methods, 168, 51-55 (1980)</i> <i>Comment : S, dS. 2-24 MeV H, He, Li -> C</i>	1980-Fear 1311
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	Kalbitzer, S. Oetzmann, H. 'Ranges and Range Theories' <i>Rad. Effects, 47, 57-72, (1980)</i> <i>Comment : R, dR. .1-2 MeV Bi, Sb, As, Ge, P, Au, Cs, Eu, Gd Tb -> Si, Ge, C, Al</i>	1980-Kalb 1323
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	Oetzmann, H. Kalbitzer, S. 'He4-Stopping Power Measurements by using Ion Implantation and Backscattering Techniques' <i>Rad. Effects, 47, 73-80 (1980)</i> <i>Comment : S, dS. 0-1E5 keV He -> C, Si, Ge</i>	1980-Oetz 1324

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Santry, D. C. Werner, R. D. 'Stopping Power Values of Be, C, Al and Si for 4He Ions' <i>Nucl. Inst. Methods, 178, 523-530 (1980)</i> <i>Comment : S. He (0.2-2.0 MeV) -> Be, C, Al, Si</i>	1980-Sant2 1407
1980	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods, 170, 221-225 (1980)</i> <i>Comment : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al</i>	1980-Sofi 1378
1981	Astner, G. Mannervik, S. Veje, E. 'Stopping of D Relative to H in Carbon, 50-150 keV/amu' <i>Nucl. Inst. Methods, 188, 475-476 (1981)</i> <i>Comment : S. H, D (50-150 keV/amu) -> C (Relative stopping)</i>	1981-Astn 1599
1981	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Straggling of Hydrogen and Helium Ions in Al, C, and Polystyrene at Energies of Tens and Hundreds keV/amu' <i>Phys. Stat. Sol. A, 68, 187 (1981)</i> <i>Comment : S, dS. H, He (70-1200 keV) -> Al, C, Polystyrene</i>	1981-Bedn 1958
1981	Pearce, J. D. Hart, R. R. 'Stopping Power Measurements in the 20-150 keV Region using Thick Target Backscattering: H and He on C, Si and Au' <i>J. Appl. Phys., 52, 5056 (1981)</i> <i>Comment : S. H, He (20-150 keV) -> C, Si, Au</i>	1981-Pear 1736
1981	Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Deuterons' <i>Nucl. Inst. Methods, 188, 211 (1981)</i> <i>Comment : S. D (0.2-2.0 MeV) -> C, Al, Si, Ti, Ni, Ag, Au</i>	1981-Sant 1756
1981	Santry, D. C. Werner, R. D. 'Stopping Power Values of C, Al, Si, Ni, Ag and Au for 3He Ions' <i>Nucl. Inst. Methods, 185, 517-521 (1981)</i> <i>Comment : S. He3 (200-2000 keV) -> C, Al, Si, Ni, Ag, Au</i>	1981-Sant2 1449
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, Yl 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

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Kreussler, S. Varelas, C. Sizmann, R. 'Electronic Stopping Power and Effective Charge of 50- to 230 keV D and He in C, Al, Au and Cs' <i>Phys. Rev. B, 26 (11), 6099-6103 (1982)</i> <i>Comment : S. D, He (50-230 keV) -> C, Al, Cs, Au</i>	1982-Kreuc 1416
1982	Laichter, Y. Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26 (4), 1915-1923 (1982)</i> <i>Comment : R, dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i>	1982-Laic 1451
1982	Laichter, Yl Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26, 1915-1923 (1982)</i> <i>Comment : R,dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i>	1982-Laic3 1502
1982	Lennard, W. N. Andrews, H. R. Freeman, M. Ward, D. 'Time of Flight System for Slow Heavy Ions' <i>Nucl. Inst. Methods, 203, 565 (1982)</i> <i>Comment : S. He (650 keV) -> C, Au</i>	1982-Lenn 1701
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. 'Stopping Ratios for 30 - 300 keV Ions with $1 \leq Z \leq 5$ ' <i>J. Appl. Phys., 53 (11), 7343 - 7349 (1982)</i> <i>Comment : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn</i>	1982-Mert3 1394
1982	Mertens, P. Krist, Th. 'Energy Loss of 300 keV He and N in 150 to 800 Angstrom Carbon Foils' <i>Phys. Rev. B, 25, 9, 5591-5597 (1982)</i> <i>Comment : S. He, N (300 keV) -> C</i>	1982-Mert4 1459
1982	Schultz, F. Brandt, W. 'Effective Charge of Low Velocity Ions in Matter: A Comparison of Theoretical Predictions with Data Derived from Energy Loss Measurements' <i>Phys. Rev. B, 26, 4864 (1982)</i> <i>Comment : S. He, N, Ne, Ar (0.5-1.3 Vo) -> C, Al, Au</i>	1982-Schu 1959
1983	Cowern, E. B. Woods, C. J. Sofield, C. J. 'The Gas-Solid Density Effect for MeV/amu Ions: Chage Changing Cross-Sections and the Effective Charge' <i>Nucl. Inst. Methods, 216, 287-292 (1983)</i> <i>Comment : S. C, U (3-8 MeV/amu) -> C</i>	1983-Cowe 2000

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	Krist, Th. Mertens, P. 'Stopping Ratios for 30-330 keV Light Ions in Materials with $57 \leq Z \leq 83$ ' <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
	Lennard, W. N. Andrews, H. R. Dube, B. Freeman, M. Mitchell, I. V. 'Dependence of Specific Energy Loss on Foil Thickness' <i>Nucl. Inst. Methods, 205, 351 (1983)</i> <i>Comment : S. Ne (12-27 keV/amu) -> C (thickness effects)</i>	1983-Lenn 1702
1983	Shchuchinsky, J Peterson. C. Brandt, W. 'Charge Dependence of Slow Ion Energy Losses in Transmission Experiments' <i>IEEE Trans. Nucl. Sci., NS-30, 1063 (1983)</i> <i>Comment : S. Ar (250 keV) -> C, Al Au. Charge state effects.</i>	1983-Shch 1765
	Steuer, M. F. Gemmell, D. S. Kanter, E. P. Johnson, E. A. Zabransky, B. J. 'Stopping Power for Fast Nitrogen and Oxygen Diclusters in Carbon' <i>IEEE Trans. Nucl. Sci, NS-30, 1069-1073 (1983)</i> <i>Comment : S. H, He, N, O (1-3.6 MeV) -> C. Molecular energy loss differences.</i>	1983-Steu 1774
1984	Cowern, N. E. B. Read, P. M. Sofiled, C. J. Bridwell, L. B. Lucas, M. W. 'Charge Changing Energy Loss, Higher Order Z1 Dependence, and Pre-Equilibrium Behaviour in the Stopping Power for Energetic Ions in Solids' <i>Phys. Rev. A, 30, 4, 1682-1691 (1984)</i> <i>Comment : S. He, Li, C (3 MeV/amu) -> C (charge state analysis)</i>	1984-Cowe 1469
	Cowern, N. E. B. Read, P. M. Sofield, C. J. Bridwell, L. B. Hustable, G. 'Charge State Dependence of dE/dx for Ions in Very Thin Targets' <i>Nucl. Inst. Methods, B2, 112 (1984)</i> <i>Comment : S. He, Li, C (3 MeV/amu) -> C (target thickness effects)</i>	1984-Cowe2 1637
1984	Eckardt, J. C. Lantschner, G. H. Jakas, M. M. Ponce, V. H. 'The Correlation Between Inelastic Energy Loss and Scattering angle in Transmission Experiments' <i>Nucl. Inst. Methods, B2, 168-172 (1984)</i> <i>Comment : S. H, He (50-200 keV) -> C, Al (S vs. transmission angle)</i>	1984-Ecka 1438
	Geissel, H. Lennard, W. N. Andrews, H. R. Ward, D. Phillips, D. 'Problems of Interpreting Energy Loss Data for Non-Zero Emergent Angles' <i>Phys. Letters, 106A, 371 (1984)</i> <i>Comment : Ne (0.8 Vo) -> C (Angular and Target Thickness Effects)</i>	1984-Geis 1650

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
	Lennard, W. N. Phillips, D. Mitchell, I. V. Andrews, H. R. Ward, D. 'Search for Pre-Equilibrium Stopping for He Ions in Thin Carbon Foils' <i>Nucl. Inst. Methods, B2, 116 (1984)</i> <i>Comment : S. H, He (270-620 keV) -> C (thickness effects)</i>	1984-Lenn 1703
1984	Lennard, W. N. Phillips, D. Mitchell, I. V. Andrews, H. R. Ward, D. 'Dependence of Specific Energy Loss on Target Thickness for Low Velocity Ions: Oxygen to Carbon' <i>Nucl. Inst. Methods, B2, 153 (1984)</i> <i>Comment : S. O (10-20 keV/amu) -> C</i>	1984-Lenn2 1704
	Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag, Au and Mylar using Radioactive Alpha Sources' <i>Nucl. Inst. Methods, B1, 13 (1984)</i> <i>Comment : S. He (2-7 MeV) -> > C, Al, Si, Ti, Ni, Ag, Au, Mylar</i>	1984-Sant 1757
1984	Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Li-7 Ions' <i>Nucl. Inst. Methods, B5, 449 (1984)</i> <i>Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</i>	1984-Sant2 1758
	Shchuchinsky, J. Peterson, C. 'Stopping Power and Energy Loss Stragglings of Slow Protons Moving in C, Al, and Au; Effective Charge Fractions and Straggling of Heavy Ions' <i>Rad. Effects, 81, 221-229 (1984)</i> <i>Comment : S, dS. H (8-300 keV) -> C, Al, Au</i>	1984-Shch 1426
1985	Fink, D. Biersack, J. P. Chen, J. T. Stadele, M. Tjan, K. 'Distributions of Light Ions and Foil Destruction after Irradiation of Organic Polymers' <i>J. Appl. Phys., 58, 668-676 (1985)</i> <i>Comment : R. H, He, Li, B, C, N, Bi (50-300 keV) -> AZ111, PMMA, Epoxy, C, Li, PMCN</i>	1985-Fink 2114
	Geissel, H. Lennard, W. N. Andrews, H. R. Jackson, D. P. Mitchell, I. V. 'Energy-Angle Distribution Measurements for 0.8 Vo Ne and Bi Ions Penetrating Thin Carbon Foils' <i>Nucl. Inst. Methods, B12, 38 (1985)</i> <i>Comment : Ne, Bi (20 keV/amu) -> C (angular effects)</i>	1985-Geis 1651

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1985	Kemmler, J. Koschar, P. Burkhard, M. Groeneveld, K. O. 'Wake Effects in the Stopping Power of Molecular Ions' <i>Nucl. Inst. Methods, B12, 62-66 (1985)</i> <i>Comment : S, N, N2 (1.0-1.8 MeV/amu) -> C</i>	1985-Kemm 2006
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
1985	Schulz, F. Shchuchinsky, J. 'Proton Stopping Cross Sections for C, Al and Au: New Experimental Data and Critical Analysis of the Validity of Empirical Fit Formulas' <i>Nucl. Inst. Methods, B12, 90-94 (1985)</i> <i>Comment : S, H (8-300 keV) -> C, Al, Au</i>	1985-Schu 1433
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> <i>Comment : S, Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1986-Bimb 1429
1986	Bridwell, L. B. Cowern, N. E. B. Read, P. M. Sofiled, C. J. 'Measurement of Polarization, Block and Charge Exchange Contributions to the Stopping Power of C and O ions in Carbon' <i>Nucl. Inst. Methods, B13, 123 (1986)</i> <i>Comment : S, C, O (3 MeV/amu) 0> C (target thickness effect)</i>	1986-Brid 1629
1986	Krist, Th. Scanlon, P. J. Mertens, P. Barfoot, K. M. Reid, I. 'Precision Measurements of Energy Losses of HE-Ions in Thin Carbon Foils' <i>Nucl. Inst. Methods, B14, 179 (1986)</i> <i>Comment : S, He (300-620 keV) -> c (thickness effects)</i>	1986-Kris 1693
1986	Lennard, W. N. Geissel, H. Phillips, D. Jackson, D. P. 'Heavy Ion Straggling: Possible Evidence for Inner-Shell Excitation' <i>Phys. Rev. Letters, 57, 318-320 (1986)</i> <i>Comment : dS.F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Sc (16 keV/amu) -> C</i>	1986-Lenn 2188
1986	Lennard, W. N. Geissel, H. Jackson, D. P. Phillips, D. 'Electronic Stopping Values for Low Velocity Ions (9 <= Z1 <= 92) in Carbon Targets' <i>Nucl. Inst. Methods, B13, 127 (1986)</i> <i>Comment : S, (16 keV/amu) F, Ne, Na, Mg, Al, P, Cl, Ar, K, Sc, Cr, Mn, Cu, Kr, Nb, Ag, In, Xe, Sm, Yb, Au, Bi, U -> C</i>	1986-Lenn2 1705

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Lennard, W. N. Geissel, H. 'Energy Loss and Energy Loss Straggling for Heavy Ions' <i>Nucl. Inst. Methods, B27, 338 (1986)</i> <i>Comment : S, dS. Ar, Mg (16 keV/amu) -> C, Al (thickness and angular effects)</i>	1986-Lenn3 1964
	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> <i>Comment : S. Li (1.0-4.7 MeV) -> C, Al, Ni, Cu, In, Sn, Ag, Au</i>	1986-Lin 1428
1986	Mertens, P. 'Experiments on the Difference between Most Probable and Mean Energy Loss for Foil Transmitted Protons' <i>Nucl. Inst. Methods, B13, 91 (1986)</i> <i>Comment : S, dS. H (100-300 keV) -> C (angular effects)</i>	1986-Mert 1719
	Mertens, P. Krist, Th. 'The Influence of Foil Inhomogeneities on the Angular Dependence of Experimental Stopping Cross Sections' <i>Nucl. Inst. Methods, B13, 95 (1986)</i> <i>Comment : S. H, He, N (300 keV) -> C (thickness effects)</i>	1986-Mert3 1721
1986	Steuer, M. F. 'Relative Stopping Powers for Atomic and Molecular Ions in Carbon' <i>Nucl. Inst. Methods, B13, 137-140 (1986)</i> <i>Comment : S. N, N2 (71 keV/amu) -> C</i>	1986-Steu 1689
	Baek, W. Y. Both, G. H. Gassen, D. Neuwirth, W. Zielinski, M. 'Energy Loss of ¹² C Projectiles in Different Carbon Modifications' <i>Phys. Rev. A, 35, 51 (1987)</i> <i>Comment : S. C (2.0-4.5 V/Vo) -> C (Stopping in diamond, graphite, glassy carbon)</i>	1987-Baek 1602
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
	Geissel, H. Winterbon, K. B. Lennard, W. N. 'Small Angle Energy Loss Measurements for H and He Ions in Carbon' <i>Nucl. Inst. Methods, B27, 333 (1987)</i> <i>Comment : S. H, He (0.5-7.0 MeV) -> C (angular effects)</i>	1987-Geis 1652
1987	Grande, P. L. Fichtner, P. F. P. Behar, M. Livi, R. P. Zawislak, F. C. 'Projected Ranges and Range Straggling of Au and Bi Implanted into Carbon' <i>Nucl. Inst. Methods, B19/20, 25-27 (1987)</i> <i>Comment : R, dR. Au, Bi (10-400 keV) -> C, SiO2</i>	1987-Gran 1510

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Kido, Y. 'Energy Straggling for Fast Proton Beams Passing through Solid Materials' <i>Nucl. Inst. Methods, B24/25, 347-352 (1987)</i> <i>Comment : H (300-1000 keV) -> C, Ti, TiC, Si, SiC, SiO2, TiO2</i>	1987-Kido 1664
	Mertens, P. 'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods' <i>Nucl. Inst. Methods, B27, 315-322 (1987)</i> <i>Comment : S. H (20-700 keV) -> C, Al</i>	1987-Mert 1485
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> <i>Comment : S. Li (175 keV) -> C, Al, Cu</i>	1987-Neuw 1498
	Read, P. M. Sofield, C. J. Cowern, N. E. B. Bridwell, L. B. 'Stopping Powers for Energetic Ions in Carbon Targets' <i>Nucl. Inst. Methods, B29, 583-586 (1987)</i> <i>Comment : S. He, Li, C, O (3-7 MeV/amu) -> C</i>	1987-Read 1401
1988	Abel, F. Behar, M. Cohen, C. 'Range Profiles of Ar Implanted into C Films' <i>Nucl. Inst. Methods, B30, 13-15 (1988)</i> <i>Comment : R, dR. Ar (10-200 keV) -> C</i>	1988-Abel 1513
	Grande, P. L. Fichtner, P. F. P. Behar, M. Zawislak, F. C. 'Range Parameters of Heavy Ions Implanted into C Films' <i>Nucl. Inst. Methods, B33, 122-124 (1988)</i> <i>Comment : R, dR. Pb, Yb, Er, Cu (10-200 keV) -> C</i>	1988-Gran2 1520
1988	Zielinski, M. Kaletta, E. Neuwirth, W. Bharuth-Ram, K. 'The Energy Loss of Carbon Ions in Carbon' <i>South Africa J. Phys., 11, 13-17 (1988) (In English and Boor-Dutch)</i> <i>Comment : S. C (3.5-7.0 MeV) -> C Doppler shift measurements.</i>	1988-Ziel 1970
	Bauer, P. 'Stopping Power of Light Ions near the Maximum' <i>Nucl. Inst. Methods, B45, 673 (1990)</i> <i>Comment : S. H, H- (30-700 keV) -> C, Al, Si, Ni, Cu, Ag, Au, SiO2, HC2, Al2O3</i>	1990-Baue 1608
1990	Blank, B. Gaimard, J. J. Geissel, H. Munzenberg, G. Schmidt, K. H. 'Energy Loss Measurements with Heavy Ions at Relativistic Energies' <i>Nucl. Inst. Methods, B51, 85-88 (1990)</i> <i>Comment : S. Ar, P, N, Li (130-401 MeV/amu) -> C, Al, Pb</i>	1990-Blan 1924

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1990	Gauvin, H. Bimbot, R. Herault, J. Kubica, B. Anne, R. 'Stopping Powers of Solids for Kr, Mo, and Xe Ions at Intermediate Energies (20-45 MeV/amu) and the Charge State Distributions at Equilibrium' <i>Nucl. Inst. Methods, B47, 339 (1990)</i> <i>Comment : S. Kr, Mo, Xe (25-45 MeV/amu) -> Be, Al, Ta, Au, C, V, Mylar</i>	1990-Gauv 1976
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	Ogawa, H. Katayama, I. Ikegami, J. Haruyama, Y. Aoki, A. 'Charge Changing Contributions to Energy Loss of 32 MeV He-3+ in the Charge State Non-Equilibrium Region' <i>Phys. Letters A, 160, 77-80 (1991)</i> <i>Comment : S. He-3 (32 MeV) -> C</i>	1991-Ogaw 1905
1991	Ogawa, H. Katayama, I. Ikegami, H. Haruyama, Y. Aiki, A. 'Direct Measurement of Stopping Powers for 32 MeV He-3 in a Charge State Non-Equilibrium Region' <i>Phys. Rev. B, 43, 11370-11373 (1991)</i> <i>Comment : S. He-3 (32 MeV) -> C (Thin foils)</i>	1991-Ogaw2 1912
1991	Ray, E. M. 'Penetration d'Agregats d'Hydrogene de 10 a 120 keV/u dans des Feuilles Minces.' <i>Univ. Lyon (France) Rpt.: LYCEN-T/9123, 1-135 (1991)</i> <i>Comment : S. H (clusters) (0-120 keV/amu) -> C</i>	1991-Ray 1886
1991	Santry, D. C. Werner, R. D. 'Measured Stopping Powers of C-12 and N-14 Ions in Thin Elemental Foils' <i>Nucl. Inst. Methods, B53, 7-14 (1991)</i> <i>Comment : S. C, N (0.2-2.0 MeV) -> Be, C, Al, Si, Ne, Ag, Au</i>	1991-Sant 1916
1991	Schule, V. Kalbitzer, S. 'Electronic Stopping Power of Ti in C at Bohr Velocities - Experiment and Theories' <i>Z. Physik A, 340, 219 (1991)</i> <i>Comment : S. Ti (0.1-5 Vo) -> C</i>	1991-Schu 1989

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Xia, Yueyuan Lennard, W. N. 'Energy Loss Spectra for Heavy Ions Penetrating Amorphous Carbon Foils at Low Velocity' <i>Nucl. Inst. Methods, B61, 423-428 (1991)</i>	1991-Xia
	<i>Comment : S. Ne, Ar (80-150 keV) -> C</i>	2190
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of O-16, Ti-48, Ag-108 in C and Al between 0.5-3 MeV/amu' <i>Nucl. Inst. Methods, B72, 293-301 (1992)</i>	1992-Abde
	<i>Comment : S. O, Ti, Ag (0.5-3.0 MeV/amu) -> C, Al</i>	1879
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>	1992-Abde2
	<i>Comment : S. Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au</i>	1882
1992	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i>	1992-Bich2
	<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>	1624
1992	Golser, R. Eppacher, Ch. Semrad, D. 'Energy Loss of Hydrogen Projectiles below the Bohr Velocity in Amorphous Carbon' <i>Nucl. Inst. Methods, B67, 69-72 (1992)</i>	1992-Gols
	<i>Comment : S. H(0.35-0.63 Vo) -> C</i>	1896
1992	Lennard, W. A. Xia, Yueyuan Geissel, H. 'Impact Parameter Dependent Electronic Stopping for Low Velocity Heavy Ions' <i>Nucl. Inst. Methods, B67, 44-49 (1992)</i>	1992-Lenn
	<i>Comment : S. Al (0.8Vo) -> C Stopping vs. angular scatter.</i>	2189
1992	Lennard, W. N. Xia, Y. Geissel, H. 'Energy Loss of Heavy Ions at Non-Zero Emergence Angles' <i>Nucl. Inst. Methods, B69, 89-93 (1992)</i>	1992-Lenn2
	<i>Comment : S. Ne -> C Angular effects on stopping.</i>	1890
1992	Matsunami, N. Kitoh, K. 'Energy Distribution of 100 keV H+ in Thin Carbon Films' <i>Nucl. Inst. Methods, B67, 50-52 (1992)</i>	1992-Mats
	<i>Comment : S. H(100 keV) -> C (very thin targets)</i>	1897

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1992	Ogawa, H. Katayama, I. Sugai, I. Haruyama, Y. Tosaki, M. 'Charge State Dependent Energy Loss of High Velocity Carbon Ions in the Charge State Non-Equilibrium Region' <i>Phys. Letters A</i> , 167, 487-492 (1992) <i>Comment</i> : S. C (various charge states) -> C	1992-Ogaw 1885
1992	Santry, D. C. Werner, R. D. 'Measured Stopping Powers of O-16 and F-19 Ions in Thin Elemental Films' <i>Nucl. Inst. Methods</i> , B69, 167-173 (1992) <i>Comment</i> : S. O, F (200-2000 keV) -> Be, C, Al, Si, Ni, Ti, Ag, Au	1992-Sant 1887
1992	Schule, V. Gunzler, R. Oberschachtsiek, P. Weiser, M. Kalbitzer, S. 'Range Parameters of Deep Ion Implants in Group IV Semiconductors' <i>Nucl. Inst. Methods</i> , B62, 338-345 (1992) <i>Comment</i> : R. Ranges of Heavy Ions (1 MeV/amu) -> C, Si, Ge	1992-Schu 2195
1993	Mikheev, S. Ryzhov, Y. Shkarban, I. Yurasova, V. 'Inelastic Losses of Low Energy Ions Transmitted through Thin Films' <i>Nucl. Inst. Methods</i> , B78, 86-90 (1993) <i>Comment</i> : S. He, Ne, Ar (1-10 keV) -> C, Ca, Ag and Ni	1993-Mikh 1870
1993	Necas, V. Kaferbock, W. Rossler, W. Bauer, P. 'Electronic Stopping of Hydrogen Ions in Graphite and Amorphous Carbon' <i>Nucl. Inst. Methods</i> , B80/81, 41-44 (1993) <i>Comment</i> : S. H (25-150 keV/amu) -> C (graphite and evap. carbon)	1993-Neca 2059
1993	Wagner, J. Harder, R. Hertel, B. Maeritz, J. Tempel, M. 'Charge State Distributions of Fast Oxygen Ions Exciting Carbon Foils' <i>Nucl. Inst. Methods</i> , B73, 1-4 (1993) <i>Comment</i> : S. O (1 MeV/amu) -> C	1993-Wagn 1878
1993	Wojciechowski, P. Baumann, P. Daniel, H. Hartmann, F. J. Herrmann, C. 'Measurement of the Stopping Power for Mu- and Mu+ at Energies between 3 keV and 100 keV' <i>Hyperfine Interact. (Ch.)</i> , 82, 127-131 (1993) <i>Comment</i> : S. Mu-, Mu+ (3-100 keV) -> C, Au, Mg	1993-Wojc 2075
1994	Baudin, K. Brunelle, A. Chabot, M. Della-Negra, S. DePauw, J. 'Energy Loss by MeV Carbon Clusters and Fullerene Ions in Solids' <i>Nucl. Inst. Methods</i> , B94, 341-344 (1994) <i>Comment</i> : S. C (clusters 0.3-5.65 MeV/atom) -> C	1994-Baud 1672
1994	Rauhala, E. Raisanen, J. 'Stopping Powers of Solid Hydrogen, Carbon and Oxygen for 0.5-2.1 MeV/amu Li-7, B-11, C-12, N-14 and O-16' <i>Nucl. Inst. Methods</i> , B93, 399-403 (1994) <i>Comment</i> : S. Li, B, C, N, O (0.5-2.1 MeV/amu) -> Solid H, C, O	1994-Rauh 1851

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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</i> , 73, 50-53 (1994) <i>Comment</i> : S, O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb	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.</i> 73, 50-53, 1994 <i>Comment</i> : S, O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb	1994-Sche2 2323
1995	Frey, C. M. Dollinger, G. Bergmaier, A. Faestermann, T. Maier-Komor, P. 'Charge State Dependence of the Stopping Power of 1 MeV/amu Ni Ions in Thin Carbon Foils' <i>Nucl. Inst. Methods</i> , B99, 205-209 (1995) <i>Comment</i> : S, dS, Ni (60 MeV) -> C Target Thickness and Ion Charge Effects	1995-Frey 2036
1995	Shao, Q. Huo, Y. Pan, Z. Wang, N. 'Influence of the Electronic Stopping Cross Section on Calculated Results of the Mean Projected Ranges' <i>Nucl. Tech.</i> , 18, 711-716 (1995) <i>Comment</i> : S, He (.2-2 MeV) -> C, Ni	1995-Shao 1830
1995	Susuki, Y. Fritz, M. Kimura, K. Mannami, M. Sakamoto, N. 'Energy Loss and Dissociation of 10 MeV/amu H-3 Ions in Carbon Foils' <i>Phys. Rev. A</i> , 51, 3868-3872 (1995) <i>Comment</i> : S, H-3 (9.6 MeV/am) -> C	1995-Susu 1848
1995	Tomaschko, C. Brandl, D. Kuegler, R. Schurr, M. Voit, H. 'Energy Loss of MeV Carbon Cluster Ions in Matter' <i>Nucl. Inst. Methods</i> , B103, 407-411 (1995) <i>Comment</i> : S, C(Clusters) 1.4-4.0 MeV -> C, Au, Formvar	1995-Toma 1834
1996	Frey, C. M. Dollinger, G. Bergmaier, A. Faestermann, T. Maier-Komor, P. 'Charge State Dependence of the Stopping Power of 1 MeV/amu Ni Ions' <i>Nucl. Inst. Methods</i> , B107, 31-35 (1996) <i>Comment</i> : S, Ni (1MeV/amu) -> C	1996-Frey 1827
1996	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. 'Energy Loss of MeV Heavy Ions in Carbon' <i>Nucl. Inst. Methods</i> , B108, 223-226 (1996) <i>Comment</i> : S, Zl (O - Cu) at 0.1-1.0 MeV/amu -> C	1996-Hari 1831
1996	Kaneko, T. 'Energy Loss and Straggling of Molecular Ions Moving in Solids' <i>Nucl. Inst. Methods</i> , B115, 43-46 (1996) <i>Comment</i> : S, H, D, T (1 keV- 10 MeV/amu) -> C, Ag	1996-Kane 1818

Citations for Target :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. Pathak, A. P. 'Stopping Power of Carbon for Heavy Ions up to Copper' <i>Rad. Effects, 139, 197-206 (1996)</i> <i>Comment : S. Sc, Ti, Cr, Mn, Fe, Cu (0.2-1.0 MeV/amu -> C</i>	1996-Kuma 0950
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
1996	Liu, J. R. Zheng, Z. S. Chu, W. K. 'Stopping Cross Sections of C, Al, Si for Li-7 Ions' <i>Nucl. Inst. Methods, 118, 24-28 (1996)</i> <i>Comment : S. Li (1-7 MeV) -> C, Al, Si</i>	1996-Liu 0592
1996	Matsunami, N. 'Energy Loss Distribution of H2 with 100 keV in Thin Carbon Films' <i>Nucl. Inst. Methods, B115, 55-57 (1996)</i> <i>Comment : S, dS. H2 (100 keV) -> C</i>	1996-Mats 1817
1996	Sakamoto, N. Ogawa, H. Shiomi Tsuda, N. 'Stopping Powers of Carbon for Protons from 4 to 13 MeV' <i>Nucl. Inst. Methods, B115, 84-87 (1996)</i> <i>Comment : S. H (4-13 MeV) -> C</i>	1996-Saka 1996
1997	Harikumar, V. Pathak, A. P. Nath, N. Kumar, S. Sharma, S. K. 'Stopping Power of Carbon for Se, Fe, Ni and Cu Ions using the ERDA Technique' <i>Nucl. Inst. Methods, B129, 143-146 (1997)</i> <i>Comment : S. Si, Fe, Ni, Cu (Vo - 5Vo) -> C</i>	1997-Hari 2325
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	Kaferbock, W. Rossler, W. Necas, V. Bauer, P. Arnau, A. 'Comparative Study of the Stopping Power of Graphite and Diamond' <i>Phys. Rev. B, 55, 13276-13279 (1997)</i> <i>Comment : S. H, He (20 - 80 keV/u) -> C (graphite and diamond)</i>	1997-Kafe 2367

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1997	Kumar, S. Sharma, S. K. Nath, N. Hari Kumar, V. Pathak, A. P. 'MeV Heavy Ion Stopping Power Measurements using NSC Pelletron' <i>Vacuum, 48, 1027-1029 (1997)</i> <i>Comment : S. Ag,Br,Au (0.2-1 MeV/u) -> C</i>	1997-Kuma 2361
1997	Ogawa, H. Sakamoto, N. Katayama, I. Haruyama, Y. Saito, M. 'Energy Loss of 10 MeV/u Atomic Helium in Carbon' <i>Nucl. Inst. Methods, B 132, 36-40 (1997)</i> <i>Comment : S. He (10 MeV/u) -> C</i>	1997-Ogawa 2362
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
1999	Angulo, C. Delbar, T. Graulich, J. S. Leleus, P. 'Stopping Power Measurements: Implications in Nuclear Astrophysics' <i>AIP Conf. Proc., 495, 381-384 (1999)</i> <i>Comment : S. Be, B, C, N, O, F,Ne (1 MeV/u) -> C,Al,Ni,Ch2,PVC</i>	1999-Angu 2372
1999	Sharma, A. Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. 'An Experimental Study of Stopping Power for MEV Heavy Ions' <i>J. Phys. G, Nucl. Part. Phys., 25, 135 (1999)</i> <i>Comment : S. Cl, K, Ca, Sc, Ti, V, Mn, Cu (0.1 - 0.6 MeV/u) -> C</i>	1999-Shar 2335
2000	Angulo, C. Delbar, Th. Graulich, J. -S. Leleux, P. 'Stopping Powers of Ions at 1 MeV per Nucleon' <i>Nucl. Instl. Methods, V170, 21-27 (2000)</i> <i>Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, CH2, PVC</i>	2000-Angu 2337
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	Susuki, Y. Fritz, M. Kimura, K. Mannami, M. Garcia-Molina, R. 'Energy Loss of Gragment Protons Dissociated from 0.2 and 0.5 MeV/u H2 Ions Incident in Carbon Foils' <i>Phys. Rev. A, 62, 012902 (2000)</i> <i>Comment : S. H (0.2 - 0.5 MeV/u) -> C</i>	2000-Susu 2353

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2001	Zhang, Y. Possnert, G. Whitlow, H. J. 'Measurements of the Mean Energy-Loss of Swift Heavy Ions in Carbon with High Precision' <i>Nucl. Inst. Methods, B183, 34-37 (2001)</i>	2001-Zhan 2351
	<i>Comment : S. Li, Be, B, C, N, O, F, Na, Mg, Al, Si, Cr, Mn, Fe (100 - 800 keV/u) -> C</i>	
2002	Andersen, H.H. Csete, A. Ichioka, T. Knudsen, H. Moller, S.P. 'An Apparatus to Measure Stopping Powers for Low-Energy Antiprotons and Protons' <i>Nucl. Inst. Methods, B194, 217-225 (2002)</i>	2002-Ande 3134
	<i>Comment : S. H and H- -> C, Al, Ni, Au</i>	
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>	2002-Geis 3141
	<i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>	
2002	Trzaska, W. H. Lyapin, V. Alanko, T. Mutterer, M. Raisanen, J. 'New Approach to Energy Loss Measurements' <i>Nucl. Inst. Methods, B195, 147-165 (2002)</i>	2002-Trza 3140
	<i>Comment : S. Ar, Si, O, He, H -> Au, Ni, C, Havar</i>	
2002	Zhang, Y. 'High-Precision Measurement of Electronic Stopping Powers for Heavy Ions using High-Resolution Time-of-Flight Spectrometry' <i>Nucl. Inst. Methods, B196, 1-15 (2002)</i>	2002-Zhan 3135
	<i>Comment : S. Stopping of 18 Heavy Ions into C, Al and Au Targets</i>	
2002	Zhang, Y. Possnert, G. 'Electronic Stopping Power of Swift Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B190, 69-73(2002)</i>	2002-Zhan2 3137
	<i>Comment : S. He, Be, C and Al -> C</i>	
2004	Lennard, W. N. Xia, H. Kim, J. K. 'Revisiting the stopping powers of Si and SiO2 for 4He ions: 0.5–2.0 MeV' <i>Nucl. Instrum. Methods B215, 297 (2004)</i>	2004-Lenn 3211
	<i>Comment : S. Xe (61 - 456 MeV/n) -> C</i>	
2004	Li, M. M. O'Connor, D. J. Timmers, H. 'A Study of the Charge State Approach to the Stopping Power of MeV B, N and O Ions in Carbon' <i>Nucl. Inst. Methods, B222, 11-18 (2004)</i>	2004-Li 3130
	<i>Comment : S. B, N, O -> C</i>	
2004	Maier, M. ' Ph.D. Thesis, Univ. of Giessen' <i>Ph.D. Thesis, Univ. of Giessen (2004)</i>	2004-Maie 3212
	<i>Comment : S. Xe (61 - 456 MeV/n) -> C</i>	

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2006	Perkowski, J. Andrzejewski, J. Climent-Font, A. Knyzaheva, G. Lyapin, V. 'Stopping Power Measurement of 48-Ca in a Broad Energy Range in Solid Absorbers' <i>Nucl. Inst. Methods, B249, 55-57 (2006)</i> <i>Comment : S. Ca -> C, Ni, Au</i>	2006-Perk 3102
2009	Perkowski, J. Andrzejewski, J. Javanainen, A. Trzaska, W.H. Malkiewicz, T. 'The first experimental values for the stopping power of 89Y ions in carbon, nickel and gold ' <i>Vacuum 83, S73 (2009)</i> <i>Comment : S. Y (0.03 - 8.2 MeV/u) -> C, Ni, Au</i>	2009-Perk 3183
2009	Trzaska, W.H. Knyazheva, G.N. Perkowski, J. Andrzejewski, J. Khlebnikov, S.V. 'Energy loss of /sup 132/Xe-ions in thin foils' <i>Nucl.Instrum.Methods Phys.Res. B267, 3403 (2009)</i> <i>Comment : S. Xe (0.1-5 MeV/u) -> C, Al, Ni, Ag, Lu, Au, Pb, Th</i>	2009-Trza 3196