

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1900	Skłodowska-Curie, Mme. 'Sur la Penetration des Rayons de Becquerel non Deviables par le Champ Magnetique' <i>Acad. Sci. Paris: Comptes Rendus, 130, 76-79 (1900)</i> <i>Comment : S. 5-7 MeV He -> Air, Al. The earliest measurement of ion stopping in matter.</i>	1900-Sklo
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
1909	Taylor, T. S. 'On the Retardation of Alpha Rays by Metals and Gases' <i>Phil. Mag., 18, 604-619 (1909)</i> <i>Comment : S. 7.7 MeV He -> Au, Sn, Pb, Al, H2, Paper, Collodium, Rel. To Air</i>	1909-Tayl
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
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
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
1913	Taylor, T. S. 'The Range and Ionization of the Alpha Particles in Simple Gases' <i>Phil. Mag., 26, 402-410 (1913)</i> <i>Comment : R. 5.3, 5.5 MeV He -> H2, He, O2, Air</i>	1913-Tayl
1914	Michl, W. 'Uber Die Reichweite der Alpha-Strahlen in Flussigkeiten' <i>Sitzber. Akad. Wiss. Wien Mathematisch-Naturwissenschaftliche Klasse, 123, 1965-99 (1914)</i> <i>Comment : R. 5.3 MeV He -> CS2, H2O, C2H5OH, Ether, Benzene, Anilin, Glycerin, Chloroform</i>	1914-Mich
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

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1921	VonTrautenberg, H. R. Phillip, K. 'Uber Zwei Direkte Methoden Zur Bestimmung der Reichweite von Alpha-Strahlen in Flussigkeiten und Gasen' <i>Z. Physik, 5, 404-409 (1921)</i> <i>Comment : R. 5.5 MeV He -> H2O, Co, CO2, CH3Br, CH3I, Cl2, HCl, NH3, Rel. To Air</i>	1921-VonT
1923	Phillip, K. 'Bremsung der Alpha-Strahlen in Flussigkeiten und Dampfen' <i>Z. Physik, 17, 23-41 (1923)</i> <i>Comment : R. 5.5 MeV He -> Air, CO2, H2O, C2H5Oh, C6H6, C5H5N</i>	1923-Phil
1924	Bates, L. F. 'On the Range of Alpha-Particles in Rare Gases' <i>Proc. Roy. Soc., A106, 622-632 (1924)</i> <i>Comment : R. 6.1-MeV He -> He, Ne, O2, Ar, Kr, Xe</i>	1924-Bate
1924	Rutherford, E. 'The Capture and Loss of Electrons by Alpha Particles' <i>Phil. Mag., 47, 277 (1924)</i> <i>Comment : S. He (5-7 MeV) -> Air, H, He, Mica</i>	1924-Ruth
1925	Gurney, R. W. 'The Stopping-Power of Gases for Alpha-Particles of Different Velocities' <i>Proc. Roy. Soc., A107, 340-349 (1925)</i> <i>Comment : S. 5.3, 6.1 MeV He -> H2, He, O2, Ne, Ar, Kr, Xe Rel. To Air</i>	1925-Gurn
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
1925	Jacobsen, T. " <i>Nature, June 19, 858 (1925)</i> <i>Comment : S, He (5-7 MeV) -> Air</i>	1925-Jaco
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
1926	Meitner, L. Freitag, K. 'Uber Die Alpha-Strahlen Des Thc+C' und Ihre Verhalten Beim Durchgaug Durch Verschiedene Gase' <i>Z. Physik, 37, 481-517 (1926)</i> <i>Comment : R. 5.3 MeV He -> Air, H2, H2O, CH4, N2, O2, CO, CO2, SO, SO2, CH3Br. Tracks In Cloud-Chamber.</i>	1926-Meit

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1927	Briggs, G. H. 'The Decrease of Velocity of Alpha Particles from Radium C' <i>Proc. Roy. Soc., A114, 341-354 (1927)</i> <i>Comment : S. 3 - 5.3 MeV He -> Mica Rel. To Air</i>	1927-Brig
1927	Gibson, G. E. Eyring, H. 'The Ionization and Stopping Power of Various Gases for Alpha Particles from Polonium' <i>Phys. Rev., 30, 553-561 (1927)</i> <i>Comment : S. He (2-7 MeV) -> H, He, N, O, Ne, Ar, CH2. Early stopping paper- values based on differential of range/ionization measurements.</i>	1927-Gibs
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
1930	Harper, G. I. Salaman, I. 'Measurements on the Ranges of Alpha-Particles' <i>Proc. Roy. Soc., A127, 175-85 (1930)</i> <i>Comment : R. 5.3-7.7 MeV He -> H2, Ne, O2, Air.</i>	1930-Harp
1932	Mader, M. 'Reichweite und Gesamt-Ionisation von Alpha-Strahlen in Gasen' <i>Z. Physik, 77, 601-15 (1932)</i> <i>Comment : R. 5.3 MeV He -> Air, CO2, N2, O2. Ionization Extrapolated Ranges, Not Mean Ranges.</i>	1932-Made
1934	Mano, G. 'Recherches Sur L'Absorption Des Rayons Alpha' <i>Ann. de Physique, 1, 408-531 (1934)</i> <i>Comment : S. 4.2-7.7 MeV He -> H2, He, Ne, Ar, Air</i>	1934-Mano
1934	Naidu, R. 'Sur Les Courbes D'Ionisation Des Rayons Alpha Du Polonium Dans Les Gaz Rares' <i>J. Phys. Radium, 5, 575-77 (1934)</i> <i>Comment : S. 3-7 MeV He -> He, Ne, Ar, Kr, Xe. All Rel. To Air</i>	1934-Naid
1934	Naidu, R. 'Etude Des Courbes D'Ionisation Des Rayons Alpha' <i>Ann. de Physique, 1, 72-122 (1934)</i> <i>Comment : R. 5.3, 7.7 MeV He -> Air</i>	1934-Naid3
1935	Grinberg, B. MarquesDaSilva, M. 'Courbes D'Ionisations Dans Le Tetrafluorore De Carbone Et L'Hexafluorore Des Soufre Relatives Aux Rayons Alpha Du Polonium' <i>J. Phys. Radium, 6, 69-70 (1935)</i> <i>Comment : R. 5.3 MeV He -> CF4, SF6 Rel. To Air</i>	1935-Grin

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1936	Forster, M. 'Reichweiten von Alpha-Strahlen und Chemische Bindung' <i>Ann. Physik, 27, 373-388 (1936)</i> <i>Comment : R. 5.3 MeV He -> H2, O2, H2O</i>	1936-Fors
1939	Riezler, W. 'Bremsvermogen von Glimmer Fur Alphateilchen Kleiner Reichweite' <i>Ann. Physik, 35, 350-353 (1939)</i> <i>Comment : S. 1-4 MeV He -> Mica</i>	1939-Riez
1939	Riezler, W. 'Ionisierung und Reichweite von Alphateilchen in Schwefelhexafluorid' <i>Ann. Physik, 35, 354-358 (1939)</i> <i>Comment : R. 0.5-4 MeV He -> SF6</i>	1939-Riez2
1939	Schmieder, K. 'Bremsvermogen und Tragerbildung der Alpha-Strahlen in Gasen' <i>Ann. Physik, 35, 445-64 (1939)</i> <i>Comment : R. 5.3 MeV He -> Air, N2, O2, NO, N2O, NO2, CO, CO2, CH4, C2H4, Ne, Ar, Kr, N2+O2, N2+2O2, 2N2+O2</i>	1939-Schm
1941	Colby, M. Y. Hatfield, T. N. 'An Apparatus for the Measurement of Alpha-Particle Range and Relative Stopping Power of Gases' <i>Rev. Sci. Inst., 12, 62-66 (1941)</i> <i>Comment : R. 5.3 MeV He -> Air, Ar. Ionization Extrapolated Ranges, Not Mean Ranges.</i>	1941-Colb
1943	Hackman, D. Haxel, O. 'Energie und Reichweite Langsamer Alpha-Strahlen' <i>Z. Physik, 120, 486-92 (1943)</i> <i>Comment : R. 1-3 MeV He -> Air</i>	1943-Hack
1944	Gray, L. H. 'The Ionization Method of Measuring Neutron Energy' <i>Proc. Comb. Phil. Soc., 40, 72-102 (1944)</i> <i>Comment : S. H, He (.25 -8 MeV) -> He, N, O, Ne, Ar, Air. Early paper on stopping and ionization effects of charged particles.</i>	1944-Gray
1947	LaChapelle, T. S. 'Range of Np237 Alpha Particles in Air' <i>AECD 2496 P. 1-16 (1947)</i> <i>Comment : R. 4.7 MeV He -> Air</i>	1947-LaCh
1947	Lattes, C. M. Fowler, P. H. Cuer, P. 'A Study of the Nuclear Transmutations of Light Elements by the Photographic Method' <i>Proc. Phys. Soc., 59, 883-900 (1947)</i> <i>Comment : R. 1.2-13.1 MeV H, 2.1-13.0 MeV He -> Emulsion</i>	1947-Latt

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1947	Lattes, C. M. G. Fowler, P. H. Cier, P. 'Range-Energy Relation for Protons and Alpha-Particles in the New Ilford β Nuclear Research β Emulsion' <i>Nature, 159, 301-02 (1947)</i> <i>Comment : R. Rel. To Air. 2-13 MeV H, 5-9 MeV He -> Emulsion</i>	1947-Latt2
1947	Wytzes, S. A. VanDerMaas, G. J. 'A New Determination of the Mean Ranges of the Alpha-Particle from U-I and U-II' <i>Physica, 13, 49-61 (1947)</i> <i>Comment : R. 5.3 MeV He -> Air Rel. To 4.2 MeV He -> Air</i>	1947-Wytz
1948	Gilbert, C. W. 'The Disintegration of Boron by Slow Neutrons' <i>Proc. Camb. Phil. Soc., 44, 447-52 (1948)</i> <i>Comment : R. 1.53-2.97 MeV He -> Air</i>	1948-Gilb
1948	Wilcox, H. W. 'Experimental Determination of Rate of Energy Loss for Slow H1, H2, He4, Li6 Nuclei in Au and Al' <i>Phys. Rev., 74, 1743-54 (1948)</i> <i>Comment : S. 30-400 keV H, 30-650 keV D, 30-1400 keV He, 750-850 keV 6Li -> Al, Au</i>	1948-Wilc
1948	Wilkinson, D. H. 'The Stopping Power of Polythene and Fast Neutron Flux Measurements' <i>Proc. Camb. Phil. Soc., 44, 114-23 (1948)</i> <i>Comment : S. 5.4 MeV He -> (CH2)x. Hydrocarbons. Solid Rel. To Gas</i>	1948-Wilk
1949	Appleyard, R. K. 'Stopping Power of Liquid Water for Alpha Particles' <i>Nature, 163, 526 (1949)</i> <i>Comment : S. He (4-5 MeV) -> H2O, Air. Relative measurments.</i>	1949-Appl
1949	Eichholz, G. G. Harrick, N. J. 'Absorption of Alpha-Particles in Gases' <i>Phys. Rev., 76, 589 (1949)</i> <i>Comment : R. 5.3 MeV He -> Ar, D2, CH4</i>	1949-Eich
1949	Faraggi, H. 'La Reaction $10\text{B}(n,\alpha)\text{Li}^*$ Et La Relation Parcours-Energie Pour Les Particules Alpha D'Energie Inferieure a 2Alphamev' <i>C. R. Acad. Sci., 229, 1223-25 (1949)</i> <i>Comment : R. 0.5-2.0 MeV He -> Air</i>	1949-Fara
1949	Hammer, F. E. Hoecker, F. E. 'A New Method of Measuring the Stopping Power of Several Materials for Alpha-Particles' <i>Rev. Sci. Inst., 20, 394-98 (1949)</i> <i>Comment : S. 5.3 MeV He -> Al, Mica, Nylon, Polystyrene Rel. To Air</i>	1949-Hamm

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1949	Hatfield, T. N. Lockenwitz, A. E. Colby, M. Y. 'The Relative Stopping Power of Gases for Alpha Particles from Polonium' <i>J. Franklin Inst.</i> , 247, 133-36 (1949) <i>Comment</i> : S. 5.3 MeV He -> H2, N2, O2, N2O, CO2, H2S, Hydrocarbons	1949-Hatf
1949	Kelly, E. L. 'Experimental Determination of Stopping Powers using Alpha-Particles of 15-37 MeV' <i>Phys. Rev.</i> , 75, 1006-07 (1949) <i>Comment</i> : S. 28, 37 MeV He -> Cu, Ag, Ta, Bi, Th Rel. To Al	1949-Kell
1949	VanDerMaas, G. J. Yntema, I. 'A Determination of the Mean Range of the Alpha Particles of 235U' <i>Physica</i> , 15, 807-24 (1949) <i>Comment</i> : R. 4.4 MeV He Rel. To 4.2 MeV He -> Air	1949-VanD
1950	DeCarvalho, H. G. 'Range of Alpha-Particles in Water and Ice' <i>Phys. Rev.</i> , 78, 330 (1950) <i>Comment</i> : R. 5.3, 7.7 MeV He -> H2O. Liq., Sol.	1950-DeCa
1950	Faraggi, H. 'Determinazione Esperimentale Des Relation Parcours-Energie Et Du Pouvoir De Ralentissement Des Emulsions Nucleaires Pour Les Particles Chargees De Faible Energie' <i>C. R. Acad. Sci.</i> , 230, 1398-99 (1950) <i>Comment</i> : R. 0.5-4.0 MeV He -> Emulsion	1950-Fara
1950	Rotblatt, J. 'Range-Energy Relation for Protons and Alpha Particles in Photographic Emulsions for Nuclear Research' <i>Nature</i> , 165, 387-88 (1950) <i>Comment</i> : R. 1-8 MeV H, He -> Emulsion	1950-Rotb
1950	Wieninger, L. 'Uber Die Reichweiten von Polonium Alpha-Strahlen in Einigen Alkalihalogenid-Kristallen, (NaCl, KCl, KBr, KJ)' <i>Acta Physica Austriaca</i> , 4, 355-59 (1950) <i>Comment</i> : R. 5.3 MeV He -> NaCl, KCl, KBr, KJ (All Cryst.)	1950-Wien
1951	Appleyard, R. K. 'The Stopping Power of Liquid Water' <i>Proc. Camb. Phil. Soc.</i> , 47, 443-49 (1951) <i>Comment</i> : S. 4-5 MeV He -> H2O Rel. To Air	1951-Appl

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1951	Catala, J. Gibson, W. M. 'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsions for Nuclear Research' <i>Nature</i> , 167, 551-52 (1951) <i>Comment</i> : R. 5-16.3 MeV H, 8-19 MeV He -> Emulsion	1951-Cata
1951	Cuer, P. Lonchamp, J. P. 'Etude De La Reaction Des Neutrons Thermiques Sur Le Bore' <i>C. R. Acad. Sci.</i> , 232, 1824-26 (1951) <i>Comment</i> : R. 1.47, 1.78 MeV He, 0.84, 1.02 MeV ⁷ Li -> Air, Emulsion	1951-Cuer
1951	Faraggi, H. 'Mesure Precise De L'Energie Des Particules Lourdes Chargees Des Faibles Parcours Par Impregnation D'Emulsion Photographiques' <i>Ann. Physique</i> , 6, 325-400 (1951) <i>Comment</i> : R. (0.01-3.2 MeV) H, He, Li, C -> Emulsion	1951-Fara
1951	Good, M. W. Kunz, W. E. Moak, C. D. 'The Reactions of He ³ + He ³ ' <i>Phys. Rev.</i> , 83, 845-846 (1951) <i>Comment</i> : R. He ³ (300 keV) -> Al	1951-Good2
1951	Neuendorfer, J. A. Inglis, D. R. Hanna, S. S. 'Angular Yields of Deuterons and Alphas from the Proton Bombardment of Beryllium' <i>Phys. Rev.</i> , 82, 75-80 (1951) <i>Comment</i> : R. 200-900 keV H, 600-1500 keV D, 1200-2400 keV He, 750-1400 keV ⁶ Li -> Emulsion	1951-Neue
1951	Rotblatt, J. 'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsion for Nuclear Research' <i>Nature</i> , 167, 550-51 (1951) <i>Comment</i> : R. 0.2-16.4 MeV H, 1.1-18.9 MeV He -> Emulsion	1951-Rotb
1952	DeCarvalho, H. G. Yagoda, H. 'The Range of Alpha-Particles in Water' <i>Phys. Rev.</i> , 88, 273-78 (1952) <i>Comment</i> : R. 5.3, 7.7 MeV He -> H ₂ O. Liq., Sol.	1952-DeCa
1952	Ellis, R. H. Rossi, H. Failla, G. 'Stopping Power of Polystyrene and Acetylene for Alpha-Particles' <i>Phys. Rev.</i> , 86, 562-63 (1952) <i>Comment</i> : S. 5-3 MeV He -> Polystyrene Rel. To Acetylene	1952-Elli
1952	Evans, G. E. Barnett, C. F. Stier, P. M. DeRito, V. L. 'Extrapolated Ionization Ranges of Ions Heavier Than Protons' <i>ORNL-1278</i> , 17-21 (1952) <i>Comment</i> : R. (50-300 keV) H, He, N, Ne, Ar -> He, N ₂ , Ar, Air	1952-Evan

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1952	Mills, R. G. 'A Cloud Chamber Investigation of Low Energy Range-Energy Relations' <i>UCRL Rpt. 1815, 1-89 (1952)</i> <i>Comment : R. 50-250 keV H, 100-360 keV He, 30-110 keV O -> He, O2, H2O</i>	1952-Mill
1953	Cook, C. J. Jones, E. Jr. Jorgensen, . 'Range-Energy Relations of 10- to 250-keV Protons and Helium Ions in Various Gases' <i>Phys. Rev., 91, 1417-22 (1953)</i> <i>Comment : R. (4-250 keV) H, He -> H2, Ar, Air, N2, CO, CH4, O2 . Ionization Ranges.</i>	1953-Cook
1953	Cooper, P. N. Crocker, V. S. Walker, J. 'The Relative Stopping-Power of Hydrogen and of Helium for Slow Alpha-Particles' <i>Proc. Phys. Soc. A66, 658-59 (1953)</i> <i>Comment : R. 1.5-4.5 MeV He -> H2 He. Rel. To Air</i>	1953-Coop
1953	Cooper, P. N. Crocker, V. S. Walker, J. 'Range-Energy Data from the $^{10}\text{B}(n,\alpha)^7\text{Li}$ and $^6\text{Li}(n,T)^4\text{He}$ Reactions' <i>Proc. Phys. Soc. A66, 660-61 (1953)</i> <i>Comment : R. 1.47 MeV He, 2.75 MeV ^3H -> Air</i>	1953-Coop2
1953	Evans, G. E. Stier, P. M. Barnett, C. F. 'The Stopping of Heavy Ions in Gases' <i>Phys. Rev., 90, 825-32 (1953)</i> <i>Comment : R. 20-250 keV He, N, Ne, Ar -> He, N2, Ar, Air</i>	1953-Evan
1953	Weyl, P. K. 'The Energy Loss of Hydrogen, Helium, Nitrogen and Neon Ions in Gases' <i>Phys. Rev., 91, 289-96 (1953)</i> <i>Comment : S. 150-450 keV H, D, He, N, Ne -> H2, He, Air, Ar</i>	1953-Weyl
1954	Barile, S. Webeler, R. Allen, G. 'Determination of the Ranges and Straggling of Low-Energy Alpha Particles in a Cloud Chamber' <i>Phys. Rev., 96, 673-78 (1954)</i> <i>Comment : R, dR. 480-615 keV He -> Air</i>	1954-Bari
1954	Boicourt, G. P. Brolley, J. E. 'Po Alpha Ranges in Various Counting Mixtures' <i>Rev. Sci. Inst., 25, 95-96 (1954)</i> <i>Comment : R. 5.3 MeV He -> H2, He, N2, Ar, Ar + xx% CO2, CH4, Kr,</i>	1954-Boic
1954	Phelps, J. Huebner, W. F. Hutchinson, F. 'The Stopping Power of Organic Foils for 6 MeV Alphas' <i>Phys. Rev., 95, 441-44 (1954)</i> <i>Comment : S. 6 MeV He -> CH2, Plastics, Al Rel. To Air</i>	1954-Phel

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1955	Anianson, G. 'New Method for Measuring the Alpha-Particle Range and Straggling in Liquids' <i>Phys. Rev.</i> , 98, 300-02 (1955) <i>Comment</i> : R. 5.3 MeV He -> H2O, Various Hydrocarbon Liquids	1955-Ania
1955	Bertolini, G. Bettoni, M. 'On the Range-Energy Relation for Slow Alpha-Particles in Argon' <i>Nuovo Cimento</i> , 1, 644-50 (1955) <i>Comment</i> : R. 0.25 - 3.5 MeV He -> Ar	1955-Bert
1955	Ellis, R. H. Rossi, H. Failla, G. 'Stopping Power of Water Films' <i>Phys. Rev.</i> , 97, 1043-47 (1955) <i>Comment</i> : R. 5.3 MeV He -> H2O	1955-Elli
1955	Riezler, U. Rudloff, A. 'Ionisation und Energieverlust von Alpha-Teilchen in Verschiedenen Gasen' <i>Ann. Physik</i> , 18, 224-245 (1955) <i>Comment</i> : R. S Rel. To Air. 5.3 MeV He -> He, Ne, Ar, Kr, Xe, H2, N2, O2, NH3, CO, CO2, NO, N2O, CH4, C2H6, C3H8, C4H10	1955-Riez
1956	Gobeli, G. W. 'Range-Energy Relation for Low-Energy Alpha Particles in Si, Ge and Insb' <i>Phys. Rev.</i> , 103, 275-78 (1956) <i>Comment</i> : R. 0.70-4.45 MeV He -> Si, Ge, InSb, Al, Cu, Ag, Au.	1956-Gobe
1956	McInally, M. 'The Differential Stopping Power of Liquid Water for Alpha-Particles' <i>Proc. Roy. Soc.</i> , A237, 28-38 (1956) <i>Comment</i> : R. 4-6 MeV He -> H2O Rel. To Air	1956-McIn
1957	Friedlander, M. W. Keefe, D. Menon, M. G. V. 'The Range in G5 Nuclear Emulsion of Protons with Energies 87, 118 and 146 MeV' <i>Nuovo Cimento</i> , 5, 461-72 (1957) <i>Comment</i> : R. 87, 118, 146 MeV He -> Emulsion	1957-Frie
1957	Lonchamp, J. P. 'Etude Par La Methode De La Plaque Photographique Des Ions Li Acceleres' <i>J. Phys. Radium</i> , 18, 239-46 (1957) <i>Comment</i> : R. 7.03-19.32 MeV H, 9.02-25.22 MeV He -> Emulsion	1957-Lonc
1957	Telkovskii, V. G. Pistunovich, V. I. 'Passage of Ions of Various Gases through a Thin Silver Film' <i>Dokl. Akad. Nank. Sssr</i> , 113, 1035-38 (1957). (<i>Sov. Phys. Doklady</i> , 2, 184-86 (1957)). <i>Comment</i> : S. 2-20 keV H, He, C, N, O -> Ag	1957-Telk

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1958	Barkas, W. H. Barrett, P. H. Cuer, P. Heckman, H. H. Smith, F. M. 'The Range-Energy Relation in Emulsion. I. Range Measurements.' <i>Nuovo Cimento</i> , 8, 185-200 (1958) Comment : R. (2.5-700 MeV) T, D, H, He, Mu+, Pi+ -> Emulsion	1958-Bark
1958	Garin, A. Faraggi, H. 'Parcours Des Alpha De 4.5 MeV Dans L'Uranium, L'Or, Le Zirconium Et Le Silicium.' <i>J. Phys. Radium</i> , 19, 76-78 (1958) Comment : R. 4.5 MeV He -> Si, Zr, Au, U. Ranges From He-Particle Emission From Uranium Alloys.	1958-Gari
1959	Demichelis, F. 'Alpha-Particles Stragglng in Mica and Aluminum' <i>Nuovo Cimento</i> , 13, 562-71 (1959) Comment : dS. 5.3 MeV He -> Al, Mica	1959-Demi
1959	Lorentz, D. C. Zimmerman, F. J. 'Stopping of Low-Energy, H+ and He+ Ions in Plastic' <i>Phys. Rev.</i> , 113, 1199-1203 (1959) Comment : S. 40-340 keV H, He -> Plastics	1959-Lore
1959	Palmer, R. B. J. Simons, H. A. B. 'The Experimental Determination of the Range-Energy Relations for Alpha Particles in Water and Water Vapour and the Stopping Power of Water and Water Vapour for Alpha Energies Below 8.78 MeV' <i>Proc. Phys. Soc.</i> , 74, 585-98 (1959) Comment : R. 1-8.78 MeV He -> H2O (Gas. And Liq.)	1959-Palm
1959	Porat, D. I. Ramavataram, K. 'The Energy Loss of Helium and Nitrogen Ions in Metals' <i>Proc. Roy. Soc.</i> , A252, 394-410 (1959) Comment : S. (0.6 - 0.95 MeV) He -> Al, Ni, Ag, Au; (0.4 - 1.8 MeV) N -> Al, Ni, Au	1959-Pora
1959	Ramavataram, K. Porat, D. I. 'Measurement of Surface Density of Thin Foils' <i>Nucl. Inst. Methods</i> , 4, 239-42 (1959) Comment : S. 3.72, 4.33 MeV He -> Al, Ni, Ag, Au all rel. To Air	1959-Rama
1960	Catala, J. Casanova, J. 'A Photographic Plate Study of the Uranium-235 Radioactivity (In Spanish)' <i>An. Real. Soc. Espan. Fis. Quim.</i> 56A, 57-59 (1960) Comment : R. 4.2, 4.4 MeV He -> Emulsion	1960-Cata
1960	Hines, R. L. 'Ranges of 7.5 to 52 keV H+2, D+2, He+, and Ne+ Ions in Quartz.' <i>Phys. Rev.</i> , 120, 1626-30 (1960) Comment : R. 7.5-52 keV H+2, D+2, He+, Ne+ -> SiO2 (Cryst.)	1960-Hine

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1960	Northcliffe, L. C. 'Energy Loss and Effective Charge of Heavy Ions in Aluminum' <i>Phys. Rev.</i> , 120, 1744-57 (1960) <i>Comment</i> : S. 4-200 MeV He, B, C, N, O, F, Ne -> Al. Shows Stopping goes as $(V/VoZ^{2/3})$ but doesn't give Bohr (1941) credit.	1960-Nort
1960	Roll, P. G. Steigert, F. E. 'Energy Loss of Heavy Ions in Nickel, Oxygen and Nuclear Emulsion' <i>Nucl. Phys.</i> , 17, 54-66 (1960) <i>Comment</i> : S. He, B, C, N, O, F, Ne (2-10 MeV/amu) -> O, Ni, Emulsion	1960-Roll
1960	Roll, P. G. Steigert, F. E. 'Characteristics of Heavy Ion Tracks in Nuclear Emulsion' <i>Nucl. Phys.</i> , 16, 534-44 (1960) <i>Comment</i> : R. (2-200 MeV) He, B, C, N, O, F, Ne -> Emulsion	1960-Roll2
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. 'Energy Loss Measurements for Heavy Ions in Mylar and Polyethylene' <i>Phys. Rev.</i> , 120, 1758 (1960) <i>Comment</i> : S. He, B, Be, C, N, O, F, Ne (10 MeV/amu) -> Mylar, Polyethylene	1960-Scha2
1961	Anianson, G. 'The Integral Stopping Power of Liquid Hydrocarbons for 5.3 MeV Alpha-Particles.' <i>Kgl. Tekn. Hogsk. Handl (Sweden). No. 178, 1-31 (1961)</i> <i>Comment</i> : S,R. 5.3 MeV He -> 21 Hydrocarbons	1961-Ania
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
1961	Gerardin, G. Bilwes, R. Magnac-Valette, D. 'Pouvoir D'Arret De L'Or Pour Des Particules Alpha De 14.36 MeV.' <i>J. Phys. Radium</i> , 22, 62-64 (1961) <i>Comment</i> : R. 9.61-14.36 MeV He -> Au. Ranges From Transmission Through Foil Stacks.	1961-Gera
1961	Palmer, R. B. J. 'The Stopping Power for Alpha Particles of Ethyl Alcohol and Carbon Tetrachloride in the Liquid and Vapour State' <i>Proc. Phys. Soc.</i> , 78, 766-73 (1961) <i>Comment</i> : R. 1-8.9 MeV He -> C ₂ H ₅ OH, CCl ₄ (Liq. And Vap.)	1961-Palm
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

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1961	Riezler, W. Schepers, H. 'Ionisation und Energieverlust von Alpha-Teilchen in Verschiedenen Gasen' <i>Ann. Physik</i> , 8, 270-277 (1961) <i>Comment</i> : R. S Rel. To Air 8.78 MeV He -> Air, He, Ne, Ar, Kr, H2, N2, O2, CO, CO2, CH4, C2H6, C3H8, C4H10	1961-Riez
1962	Blandin-Vial, J. 'Ralentissement Des Particules Du Thorium C Et Du Thorium C' Par Des Ecrans D'Or' <i>C. R. Acad. Sci.</i> , 254, 3842-44 (1962) <i>Comment</i> : S. 6.05, 6.89 MeV He -> Au	1962-Blan
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) [<i>Engl. Trans:Rad. Eng. and Electron Phys.</i> , 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott
1962	Kamke, D. Kramer, P. 'Energieverlust und Reichweite von Alpha-Teilchen in Bor Im Energiebereich von 0.2 bis 5.3 MeV' <i>Z. fur Physik</i> , 168, 465-73 (1962) <i>Comment</i> : S. 0.2 - 5.3 MeV He -> B	1962-Kamk
1962	Martin, F. W. Northcliffe, L. C. 'Energy Loss and Effective Charge of He, C, and Ar Ions' <i>Phys. Rev.</i> , 128, 1166-1174 (1962) <i>Comment</i> : S. He, C, Ar (4-400 MeV) -> H, He, N, Ar	1962-Mart
1962	Teplova, Ya. A. Nikolaev, V. S. Dimitriev, I. S. Fateeva, L. N. 'Slowing Down of Multicharged Ions in Solids and Gases' <i>Zh. Eksp. Teor. Fiz.</i> , 42, 44-60 (1962)[<i>Engl. Trans. Sov. Phys., JETP</i> 15, 31-41 (1962)] <i>Comment</i> : S, R.(75-1500 keV/amu) He, Li, Be, B, C, N, O, Ne, Na, Mg, Al, P, Cl, K, Br, Kr -> H2, He, CH4, Benzene, Air, Ar, S. Same -> Al, Ni, Ag, Au	1962-Tepl
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) <i>Comment</i> : S. 4-30 keV H, He -> C, Al2O3	1962-VanW
1963	Barkan, S. 'Differential Energy Loss Measurements for Alpha-Rays in Metal Foils' <i>Rev. Fac. Sci. Univ. Istanbul C</i> , 28, 71-80 (1963) <i>Comment</i> : S. 5-9 MeV He -> Al, Ni, Au.	1963-Bark

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1963	Meckbach, W. Allison, S. K. 'Ratio of Effective Charge of He Beams Traversing Gaseous Metallic Conductors' <i>Phys. Rev.</i> , 132, 294-304 (1963) <i>Comment</i> : S. 148-920 keV He, 37-230 keV H -> Cd (Gas. And Sol. Phase)	1963-Meck
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) <i>Comment</i> : S. (10-130 keV) H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> C	1963-Ormr
1964	Cuevas, J. Garcia-Munoz, M. Torres, P. Allison, S. K. 'Partial Atomic and Ionic Stopping Powers of Gaseous Hydrogen for Helium and Hydrogen Beams' <i>Phys. Rev. A</i> , 135, 335-45 (1964) <i>Comment</i> : S. 40-460 keV He -> H2	1964-Cuev
1964	Lemberg, I. Kh. Medvedev, V. I. Plavko, A. V. 'The Range-Energy Relation for Nikfi Ya 2 Emulsion (In French)' <i>P. Demers (Ed.) Photographie Corpusculaire, 3 Pressesuniversitaires De Montreal, P. 245-48 (1964)</i> <i>Comment</i> : R. 3-16 MeV He -> Emulsion	1964-Lemb
1964	Morbitzer, L. Scharmann, A. 'Messung der Eindringtiefe von Elektronen und Ionen in Dunnen Aufdampfschichten' <i>Z. Physik</i> , 181, 67-86 (1964) <i>Comment</i> : R. 1-10 keV H, 1-12 keV He, 1-30 keV Ne, Ar -> LiF, NaF, MgF2, CaF2, ZnS.	1964-Morb
1964	Venikov, N. I. Chumankov, N. I. 'The Time of Flight Method for Measuring the Range-Energy Relation for He Ions in Aluminum at 18 to 38 MeV' <i>Atomnaya Energiya (USSR)</i> , 17, 503-04 (1964) [<i>Engl. Trans. Sov. Atom. Energ.</i> , 17, 1269-70 (1964).] <i>Comment</i> : R. 18-38 MeV He -> Al. Ranges From Transmission Through Foil Stack.	1964-Veni
1965	Boring, J. W. Strohl, G. E. Woods, F. R. 'Total Ionization in Nitrogen by Heavy Ions of Energies 25 to 50 keV' <i>Phys. Rev. A</i> , 140, 1065-69 (1965). <i>Comment</i> : S. 25-50 keV H, He, C, N, O, Ar -> N2	1965-Bori
1965	Hosono, K. Ishiwari, R. Uemura, Y. 'Measurement of Absolute Energy Loss of 28 MeV Alpha Particles in Various Materials' <i>Bull. Inst. Chem. Res. Kyoto Univ.</i> , 43, 323-29 (1965) <i>Comment</i> : S. 28 MeV He -> Au, Sn, Mylar	1965-Hoso
1965	LiuCheng, H. C. 'Range Energy Measurements in Gases' <i>Ph.D. Thesis. University of Southern California (1965)</i> <i>Comment</i> : R. 2-8 MeV He -> N2, O2, Air, Ar	1965-LiuC

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
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) <i>Comment</i> : S. 65 - 180 keV H, He -> C, He -> Al, Cr	1965-Moor
1965	Ormrod, J. H. Macdonald, J. R. Duckworth, H. E. 'Some Low-Energy Atomic Stopping Cross Sections' <i>Can. J. Phys.</i> , 43, 275-84 (1965) <i>Comment</i> : S. (10-150 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> Al; (20-130 keV) Si, P, S, Cl, Ar, K -> C	1965-Ormr
1965	Park, J. T. 'Stopping Cross Sections of Some Hydrocarbon Gases for 20-400 keV Helium Ions' <i>Phys. Rev A.</i> , 138, 1317-21 (1965) <i>Comment</i> : S. 40-200 keV He -> CH ₄ , C ₂ H ₂ , C ₂ H ₄ , C ₃ H ₈ , C ₃ H ₆ , (CH ₂) ₃	1965-Park
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)] <i>Comment</i> : S. 20-145 keV Li -> C	1965-Pivo
1965	Sattler, A. R. 'Ionization Produced by Energetic Silicon Atoms Within a Silicon Lattice' <i>Phys. Rev. A</i> , 138, 1815-21 (1965) <i>Comment</i> : S. 21.2 - 3139 keV Si -> Si	1965-Satt
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</i> , 140, 490-98 (1965). <i>Comment</i> : S. 30-350 keV H, He -> C, Plastics	1965-Saut
1965	Schuler, R. H. 'Radiolysis of Benzene by Heavy Ions' <i>Trans. Faraday Soc.</i> , 61, 100-109 (1965) <i>Comment</i> : S. 100 keV H, 500 keV He -> Benzene	1965-Schu
1966	Andreen, C. J. Hines, R. L. 'Channeling of D+ and He+ Ions in Gold Crystals' <i>Phys. Rev.</i> , 151, 341-48 (1966) <i>Comment</i> : S. 15 keV D, He -> Au And Au (Cryst.)	1966-Andr
1966	Comfort, J. R. Decker, . F. Lynk, E. T. Scully, M. O. Quinton, A. R. 'Energy Loss and Straggling of Alpha Particles in Metal Foils' <i>Phys. Rev.</i> , 150, 249-56 (1966) <i>Comment</i> : S, dS. 2-9 MeV He -> Al, Ni, Ag, Au	1966-Comf

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1966	Kerr, G. D. Hain, L. M. Underwood, N. Walthers, A. W. 'Molecular Stopping Cross Sections of Air, N ₂ , Kr, CO ₂ and CH ₄ for Alpha Particles' <i>Health Phys.</i> , 12, 1475-80 (1966) <i>Comment</i> : S. 0.3-5 MeV He -> N ₂ , Air, Kr, CO ₂ , CH ₄	1966-Kerr
1966	Lutz, H. O. Datz, S. Moak, C. D. Noggle, T. S. 'Determination of Interatomic Potentials and Stopping Powers from Channeled-Ion Energy-Loss Spectra' <i>Phys. Rev. Letters</i> , 17, 285-87 (1966) <i>Comment</i> : S, dS. 60 MeV I, 3 MeV He -> Au (Cryst.)	1966-Lutz2
1966	Maccabee, H. D. Raju, M. R. Tobias, C. A. 'Fluctuations of Energy Loss in Semiconductor Detectors' <i>IEEE Trans. Nucl. Sci.</i> , NS-13, No. 6, 176-79 (1966) <i>Comment</i> : dS. 730 MeV H, 910 MeV He -> Si	1966-Macc
1966	Macdonald, J. R. Ormrod, J. H. Duckworth, H. E. 'Stopping Cross Section in Boron of Low Atomic Number Atoms with Energies from 15 to 140 keV' <i>Z. Naturforschg.</i> 21A, 130-34 (1966) <i>Comment</i> : S. (12-140 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> B	1966-Macd
1966	Rotondi, E. 'Bragg's Additivity Law of Stopping Power for 5 MeV Alpha Particles in O ₂ , N ₂ , CO ₂ , Co, NH ₃ and Hydrocarbon Gases' <i>NRC Canada Report No. NRC-9076 P. 1-6 (1966)</i> <i>Comment</i> : S. 5 MeV He -> N ₂ , O ₂ , CO, CO ₂ , NH ₃ , Hydrocarbons	1966-Roto
1966	Rotondi, E. Geiger, K. W. 'The Measurement of Range-Energy Relation and Straggling of Alpha-Particles in Air using a Solid State Detector' <i>Nucl. Inst. Methods</i> , 40, 192-96 (1966) <i>Comment</i> : R, dR. 0.5 - 5.6 MeV He -> Air	1966-Roto2
1966	Walsh, P. J. Underwood, N. 'Stopping Powers for Am ²⁴¹ Alpha Particles in Gases' <i>Bull. Am. Phys. Soc.</i> , 4, 534 (1966) <i>Comment</i> : S. 0.2-5.5 MeV He -> Propane, Ethylen, Acetylene	1966-Wals
1967	Andreen, C. J. Hines, R. L. 'Critical Angles for Channelling of 1 to 25 keV H ⁺ , D ⁺ and He ⁺ in Gold Crystals' <i>Phys. Rev.</i> , 159, 285-90 (1967) <i>Comment</i> : S. 14-28 keV H, D, He -> Au, Au (Cryst.)	1967-Andr
1967	Bogdanov, G. F. Kabaev, V. P. Lebedev, F. V. Noviko, G. M. 'Stopping Power of Nickel for Protons and He Ions for the Energy Range 20-95 keV' <i>Atomnaya Energiya (USSR)</i> , 22, 126-27 (1967) [<i>Engl. Trans. Sov. Atom. Energy</i> , 22, 133-34, (1967)] <i>Comment</i> : S. 20-95 keV H, He -> Ni	1967-Bogd

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1967	Fiedler, O. Ulrich, D. 'Das Relative Bremsvermogen Einiger Substanzen Fur Alpha-Teilchen Bis 5 MeV' <i>Z. Physik, 200, 493-98 (1967)</i> <i>Comment : S. 0.3-5 MeV He -> Al, Ag, Au, Zapon, Paraffine.</i>	1967-Fied
1967	Hastings, L. Ryall, P. R. VanWijngaarden, A. 'The Energy Loss of Heavy Ions in ZnS: Ag in the keV Range' <i>Can. J. Phys., 45, 2334-42 (1967)</i> <i>Comment : S. (5-100 keV) H, He, N, Ar, Kr -> ZnS:Ag</i>	1967-Hast
1967	Hastings, L. VanWijngarden, A. 'The Energy Loss, the Detoriation Depth and the Light Output for Heavy Ions in Zno:Zn' <i>Can. J. Phys., 45, 4039-51 (1967)</i> <i>Comment : S Rel. To P. 10-100 keV He, N, Ar, Kr -> ZnO:Zn</i>	1967-Hast2
1967	Makarov, V. V. Petrov, N. N. 'Penetration of Light Atomic and Molecular Ions into SiC Single Crystals' <i>Fiz. Tverd. Tela, 8, 3723-25 (1966) [Engl. Trans. Sov. Phys. Solid State, 8, 2993-84 (1967)]</i> <i>Comment : R. 4-20 keV H, H2, H3, D, D2, D3, He -> SiC</i>	1967-Maka
1967	Sattler, A. R. 'Velocity and Charge Dependence of the Energy Losses of the Channeling Peak' <i>Bull. Am. Phys. Soc., 12, 392 (1967)</i> <i>Comment : S. 3-4 MeV H, D, He -> GaSb (Cryst.)</i>	1967-Satt
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> <i>Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb</i>	1967-Vasi
1967	White, W. Mueller, R. M. 'Measurement of Atomic-Stopping Cross Sections at Low Energies' <i>J. Appl. Phys., 38, 3660-61 (1967)</i> <i>Comment : S. 20-140 keV H, He -> Al</i>	1967-Whit
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' <i>MeV Dans Quelques Elements. J. Physique, 29, 129-135 (1968)</i> <i>Comment : R, S, dS. 54.4 MeV He -> Cu, Ag, Tb, Tm, Au, S, dS. 50-54 MeV He, 27 MeV D -> Al</i>	1968-Duc
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., 28, K35-37 (1968)</i> <i>Comment : S. 0.5-3.5 MeV He -> Cu, Au, Cu-Au Alloys</i>	1968-Ehrh

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Hvelplund, P. 'Prisopgave' <i>Aarhus University P. 1-105 (In Danish) (1968)</i> <i>Comment</i> : S, dS. Many Ions (H-Hg) at 50-500 keV -> H, He, Ne, Ar, Kr, Xe, Air	1968-Hvel
1968	Maccabee, H. D. Raju, M. R. Tobias, C. H. 'Fluctuations of Energy Loss by Heavy Charged Particles in Thin Absorbers' <i>Phys. Rev., 165, 469-74 (1968)</i> <i>Comment</i> : dS. 45, 730 MeV H, 910 MeV He, 370 MeV Pi- -> Si	1968-Macc
1968	Ormrod, J. H. 'Low-Energy Electronic Stopping Cross Sections in Nitrogen and Argon' <i>Can. J. Phys., 46, 497-502 (1968)</i> <i>Comment</i> : S. (5-200 keV) H, D, He, B, C, N, O, F, Ne -> N, Ar	1968-Ormr
1968	Rotondi, E. 'Energy Loss of Alpha Particles in Tissue' <i>Rad. Res., 33, 1-9 (1968)</i> <i>Comment</i> : S. 0.L-5.3 MeV He -> N2, O2, CH4, CO2	1968-Roto
1968	Sattler, A. R. Vook, F. L. 'Channeling in Zinc-Blende Lattices: Energy-Loss Studies for Hydrogen and Helium Ions in InAs, GaSb, AlSb, and InSb' <i>Phys. Rev., 175, 526-32 (1968)</i> <i>Comment</i> : S. (2-8 MeV) H, D, He, -> InAs, GaSb, InSb, AlSb (All (Cryst.))	1968-Satt2
1969	Andersen, H. H. Simonsen, H. Sorensen, H. 'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula' <i>Nucl. Phys., 125, 171-75 (1969)</i> <i>Comment</i> : S. 5-13 MeV H, D; 8-20 MeV 3He, 4He -> Al, Ta	1969-Ande
1969	Bichsel, H. Hanke, C. C. Buechner, J. 'Precision Energy Loss Measurements for Natural Alpha Particles in Argon' <i>USC-136-148, P. 1-44 (1969)</i> <i>Comment</i> : S. 1-9 MeV He -> Ar	1969-Bich2
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> <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
1969	Datz, S. Moak, C. D. Noggle, T. S. Appleton, B. R. Lutz, H. O. 'Potential Energy and Differential-Stopping-Power Function from Energy Loss Spectra of Fast Ions Channeled in Gold Single Crystals' <i>Phys. Rev., 179, 315-26 (1969)</i> <i>Comment</i> : S. 3 MeV He, 60 MeV 127I -> Au (Cryst.)	1969-Datz

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1969	Gibson, W. M. Rasmussen, J. B. Olesen, P. A. Andreen, C. J. 'Charged-Particle Energy Loss in Thin Gold Crystals' <i>Can. J. Phys.</i> , 46, 551-60 (1968) [Erratum, <i>Can. J. Phys.</i> , 47, 1756 (1969)] Comment : S, dS. 400 keV H, 800 keV He -> Au (Cryst.)	1969-Gibs
1969	Macdonald, J. R. Sidenius, G. 'The Total Ionization in Methane of Ions with $1 \leq Z_1 \leq 20$ at Energies from 10 to 120 keV' <i>Phys. Letters A</i> , 28, 543-44 (1969) Comment : S. 10-120 keV H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, Ca, V, Sc, Ti -> CH4	1969-Macd
1969	Nakata, H. 'Ranges of Nitrogen Ions in Se and Energy Losses of Alpha Particles in Al, N, Se, Ag, and Au' <i>Can. J. Phys.</i> , 47, 2545-52 (1969). [Erratum, <i>Can. J. Phys.</i> , 48, 1745 (1970)] Comment : S. (1.4-10 MeV) He, N -> Se, Al, Ni, Ag, Au	1969-Naka
1969	Ramirez, J. J. Prior, R. M. Swint, J. B. Quinton, A. R. Blue, R. A. 'Energy Straggling of Alpha Particles through Gases' <i>Phys. Rev.</i> , 179, 310-14 (1969) Comment : S, dS. 1-3.5 MeV He -> He, Air, Ar, Kr, Xe	1969-Rami
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.</i> , 187, 499-503 (1969) Comment : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu	1969-Whit
1970	Avdeichikov, V. V. Gridnev, G. F. Lozhkin, O. V. Perfilov, N. A. 'The Limiting Energy Resolution of Thin De/Dx Detectors for 5-9 MeV Alpha Particles' <i>Bull. Acad. Sci. USSR Phys. Ser.</i> , 34, No. 1, 190-96 (1970) Comment : dS. 5-8.7 MeV He -> Si	1970-Avde
1970	Bernstein, W. Cole, A. J. Wax, R. L. 'Penetration of 1-20 keV Ions through Thin Carbon Foils' <i>Nucl. Inst. Methods</i> , 90, 325-28 (1970) Comment : S. 1-20 keV H, O, He, Li, N, Ne, K -> C	1970-Bern
1970	Hanke, C. C. Bichsel, H. 'Precision Energy Loss Measurements for Natural Alpha Particles in Argon' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys. Medd.</i> , 38, No. 3, 1-29 (1970) Comment : S. 1-9 MeV He -> Ar	1970-Hank

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1970	Hogberg, G. Norden, H. Skoog, R. 'Energy Loss and Energy Straggling of Well Channelled Hydrogen, Helium and Lithium Ions in Gold' <i>Phys. Stat. Sol.</i> , 42, 441-51 (1970) <i>Comment</i> : S,dS. 2-54 keV H, D, He, Li -> Au (Crtst.)	1970-Hogb
1970	Hogberg, G. Norden, H. Berry, H. G. 'Angular Distributions of ions Scattered in Thin Carbon Foils' <i>Nucl. Inst. Methods</i> , 90, 283-288 (1970) <i>Comment</i> : S. H, D, He, Li, N, Ne, Ar (3-45 keV) -> C Energy loss vs. Angular Effects.	1970-Hogb2
1970	Schalch, D. Scharmann, A. 'Eindringtiefen von Ionen in CaF ₂ -Und Rb-Aufdampfschichten' <i>Z. Angew. Phys</i> , 29, 111-13 (1970) <i>Comment</i> : R. 10-80 keV H, He, Ne, Ar, Kr, Xe -> CaF ₂ , Rb	1970-Scha
1970	Thoang, T. Drouin, R. 'Aluminum Oxide Films Produced by a Two Step Process and Alpha Stopping Power Studies' <i>Nucl. Inst. Methods</i> , 87, 297-98 (1970) <i>Comment</i> : S. 5.5-8.8 MeV He -> Al ₂ O ₃	1970-Thoa
1971	Bednyakov, A. A. Ignatov, V. G. Tulinov, A. F. Shustikov, Yu. N. 'Multiple Scattering and Energy Losses of Helium Ions in Aluminum for Energies Below 300 keV (In Russian)' <i>Vestn. Mosk. Univ. Fiz. Astron. No. 4</i> , 402-10 (1971) <i>Comment</i> : S. 300 keV He -> Al	1971-Bedn
1971	Bourland, P. D. Chu, W. K. Powers, D. 'Stopping Cross Section of Gases for Alpha Particles from 0.3 - 2.0 MeV' <i>Phys. Rev. B</i> , 3, 3625-35 (1971) <i>Comment</i> : S. 0.3-2.0 MeV He -> H ₂ , O ₂ , N ₂ , NH ₃ , N ₂ O, CO, CO ₂ , Hydrocarbons	1971-Bour
1971	Bourland, P. D. Powers, D. 'Bragg-Rule Applicability to Stopping Cross Sections of Gases for Alpha Particles of Energy 0.3 - 2.0 MeV' <i>Phys. Rev. B</i> , 3, 3635-41 (1971) <i>Comment</i> : S. 0.3-2.0 MeV He -> H ₂ , O ₂ , N ₂ , NH ₃ , N ₂ O, CO, CO ₂ , Hydrocarbons	1971-Bour2
1971	Chu, W. K. Powers, D. 'Energy Loss of Alpha Particles in Noble Gases from 0.3 - 2.0 MeV' <i>Phys. Rev. B</i> , 4, 10-15 (1971) <i>Comment</i> : S. 0.3-2.0 MeV He -> He, Ne, Ar, Kr, Xe	1971-Chu
1971	Dannheim, H. Gaissmair, B. Kroniger, D. Katchera, K. H. Seidler, B. 'Determination of dE/dx for 3-17 MeV Alpha Particles from Energy Loss Measurements in Lanthanum Magnesium Nitrate Single Crystals' <i>Z. Physik</i> , 241, 130-37 (1971) <i>Comment</i> : S. 3-17 MeV He -> La ₂ Mg ₃ (NO ₃) ₁₂ O ₂₄ H ₂ O	1971-Dann

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. Bentini, G. G. 'Energy Loss of H, D, and 4He Ions Channeled through Thin Single Crystals of Silicon' <i>Phys. Rev. Letters</i> , 27, 1194-96 (1971) Comment : S. 0.9-5.0 MeV H, D, He -> Si Cryst. And Amorph.	1971-Dell
1971	Dolle, F. Schultz, J. Chevallier, P. Sutter, G. 'Etude De Ralentissement Des Particules Alpha De 6.620 MeV Dans Des Absorbants Gazeux (Ne, Ar, Kr) Dans Les Domaine Des Faibles Pertes D'Energie.' <i>J. Physique</i> , 32, 397-403 (1971) Comment : S, dS. 6.62 MeV He -> Ne, Kr, Ar	1971-Doll
1971	Hoyer, U. Waffler, H. 'Der Atomare Bremsquerschnitt von H ₂ , D ₂ , He, N ₂ und a Fur Alpha-Teilchen in Umladungsgebiet (0.5 < E < 2 MeV).' <i>Z. Naturforschg.</i> 26A, 592-95 (1971) Comment : S. 0.5-2.0 MeV He -> H ₂ , D ₂ , N ₂ , Ar	1971-Hoye
1971	Hvelplund, P. 'Energy Loss and Stragglng of 100-500 keV Atoms with 2 ó Z1 ó 12 in Various Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 38, No. 4, P. 1-25 (1971) Comment : S,dS. (100-500 keV) He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> Air, He, Ne, H ₂ , O ₂	1971-Hvel
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.</i> , 49, 403-08 (1971) Comment : S. 28 MeV He -> Be, Al, Cu, Mo, Ta, Au	1971-Ishi2
1971	Langley, R. A. 'Range-Energy Relations for Helium Ions and Protons in Ar, N ₂ , O ₂ , and Air (0.2 - 2.0 MeV).' <i>Phys. Rev. A</i> , 4, 1868-72 (1971) Comment : R. 0.2-2.0 MeV H, He -> N ₂ , O ₂ , Ar, Air. Ranges Deduced From Ionization.	1971-Lang
1971	Lutz, H. Ambros, R. Mayer-Boricke, C. Reichelt, K. Rogge, M. 'Experimental Evidence of Fine Structure in Channeling Lines' <i>Z. Naturforschg.</i> 26A, 1105-08 (1971) Comment : S, dS. 2 MeV He -> Au (Cryst.)	1971-Lutz
1971	Makarov, V. V. Petrov, N. N. 'Investigation of the Slowing Down of Positive Ions in Silicon Carbide' <i>Fiz. Tekh. Poluprovodnikov</i> , 5, 510-13 (1971). [Engl. Trans. <i>Sov. Phys. Semicond.</i> , 5, 447-49 (1971).] Comment : R. Eta(Epsilon). 1-20 keV H, Li, 2-20 keV D, He, Na, 3-20 keV K -> SiC	1971-Maka
1971	Nakata, H. 'Analysis of Energy Loss Data for 0.2-0.5 MeV/amu p, alpha and N in Se' <i>Phys. Rev. B</i> , 3, 2847 (1971) Comment : S. H, He, N (0.2-0.5 MeV) -> Se, Al, Ag	1971-Naka

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Sykes, D. A. Harris, S. J. 'Energy Straggling of Alpha Particles in Thick Absorbers' <i>Nucl. Inst. Methods, 94, 39-44 (1971)</i> <i>Comment : dS. 5.5 MeV He -> Al</i>	1971-Syke
1971	Thompson, D. A. Mackintosh, W. D. 'Stopping Cross Sections for 0.3 - 1.7 MeV Helium Ions in Silicon and Silicon Dioxide.' <i>J. Appl. Phys., 42, 3969-76 (1971)</i> <i>Comment : S. 0.3-L.7 MeV He -> Si, SiO2</i>	1971-Thom
1971	VanWijngaarden, A. Miremadi, B. Baylis, W. E. 'Energy Spectra of keV Backscattered Protons as a Probe for Surface Region Studies' <i>Can. J. Phys., 49, 2440-48 (1971)</i> <i>Comment : S. 20-100 keV H, He -> Au</i>	1971-VanW
1972	Appleton, B. R. Barrett, J. H. Noggle, T. S. Moak, C. D. 'Orientation Dependence of Intensity and Energy Loss of Hyperchanneled Ions' <i>Rad. Effects, 13, 171-81 (1972)</i> <i>Comment : S,dS. 21.6-60 MeV 127I, 3 MeV He -> Au, Ag (Both Cryst.)</i>	1972-Appl
1972	Borders, J. A. 'Helium Ion Stopping Cross Sections in Gold' <i>Rad. Effects, 16, 253-57 (1972)</i> <i>Comment : S. 0.4-1.9 MeV He -> Au</i>	1972-Bord
1972	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. Bentini, G. G. 'Transmission Energy Loss of Light Channeled Particles in Thin Silicon Single Crystals' <i>Rad. Effects, 13, 115-19 (1972)</i> <i>Comment : S,dS. 0.9-5.0 MeV P, D, He -> Si (Cryst.)</i>	1972-Dell2
1972	Eisen, F. H. Clark, G. J. Bottiger, J. Poate, J. M. 'Stopping Power of Energetic Helium Ions Transmitted through Thin Silicon Crystals in Channeling and Random Directions' <i>Rad. Effects, 13, 93-100 (1972)</i> <i>Comment : S,dS. 0.1-18 MeV He -> Si (Cryst.). Chan. And Random.</i>	1972-Eise
1972	Haque, A. K. M. M. Hora, R. M. 'Energy Loss and Straggling of Alpha Particles in Argon' <i>Nucl. Inst. Methods, 104, 77-83 (1972)</i> <i>Comment : S,dS. 1-8 MeV He -> Ar</i>	1972-Haqu
1972	Harley, N. H. Pasternack, B. S. 'Alpha Absorption Measurements Applied to Lung Dose from Radon Daughters' <i>Health Phys., 23, 771-82 (1972)</i> <i>Comment : S. 0.5-7.5 MeV He -> Polycarbonate (Lung dose)</i>	1972-Harl

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Hirsch, H. J. Matzke, Hj. 'Stopping Power and Range of Alpha-Particles in (U,Pu)C and Uc and Application to Self-Diffusion Measurements using Alphaspectroscopy' <i>J. Nucl. Mater.</i> , 45, 29-39 (1972) <i>Comment</i> : S,dS. 1-5 MeV He -> U, UC, (U,Pu)C	1972-Hirs
1972	Huebner, J. S. Skolil, L. L. 'The Residual Energy and Stopping Power of 210Po Alpha Particles in Air, CO ₂ , and He' <i>Am. J. Phys.</i> , 40, 1177-78 (1972) <i>Comment</i> : S. 3-5.3 MeV He -> Air, CO ₂ , He	1972-Hueb
1972	Powers, D. Chu, W. K. Robinson, R. J. Lodhi, A. S. 'Measurement of Molecular Stopping Cross Sections of Halogen-Carbon Compounds and Calculation of Atomic Cross Sections of Halogens' <i>Phys. Rev. A</i> , 6, 1425-35 (1972) <i>Comment</i> : S. 0.3-2.0 MeV He -> CF ₄ , C ₂ F ₆ , C ₃ F ₈ , CCl ₄ , CClF ₃ , CCl ₂ F ₂ , CHCl ₂ , CBrF ₃ , C ₂ H ₃ Br, C ₂ H ₅ Br, C ₂ H ₅ I	1972-Powe
1972	Sirotninen, E. I. Tulinov, A. F. Fiderkevich, A. Shyshkin, K. S. 'The Determination of Energy Losses from the Spectrum of Particles Scattered by a Thick Target' <i>Rad. Effects</i> , 15, 149-52 (1972) <i>Comment</i> : S (1-6 MeV) H, He ->W, Pb, Ta, Mo, W, Ag, Yb, Ce.	1972-Siro
1972	Sykes, D. A. Harris, S. J. 'The Anomalous Straggling of Alpha Particles in Aluminum Compared to Other Absorbers' <i>Nucl. Inst. Methods</i> , 101, 423-25 (1972) <i>Comment</i> : dS. 6.8 MeV He -> Al, Cu, Ag, Au, Melinex	1972-Syke
1972	Walsh, P. J. Pendergrass, F. 'Energy Loss of Alpha Particles in Tissue Equivalent Plastic' <i>Health Phys.</i> , 23, 701-04 (1972) <i>Comment</i> : S. 1-5.5 MeV He -> Tef (Plastic)	1972-Wals
1972	Ward, D. Graham, R. L. Geiger, J. S. 'Measurement of Stopping Power for 4He, 16O and 35Cl Ions at =1 to =3 MeV Per Nucleon in Ni, Ge, Y, Ag, and Au' <i>Can. J. Phys.</i> , 50, 2302-12 (1972) <i>Comment</i> : S. 3-15 MeV He, 8-66 MeV O, 10-90 MeV 35Cl -> Ni, Ge, Y, Ag, Au	1972-Ward
1972	Williamson, J. Watt, D. E. 'The Influence of Molecular Binding on the Stopping Power of Alpha Particles in Hydrocarbons' <i>Phys. Med. Biol.</i> , 17, 486-92 (1972) <i>Comment</i> : S. 1.5 MeV He -> C, H, Many Hydrocarbons	1972-Will

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1973	Al-Bedri, M. B. Harris, S. J. Sykes, D. A. 'The Dependence of Energy Straggling on the Atomic Number of Absorber' <i>Nucl. Inst. Methods, 106, 241-43 (1973)</i> <i>Comment : dS. 5.2 MeV He -> He, Ne, Ar, Kr, CH4, CO2, N2, Air.</i>	1973-AI
1973	Bimbot, R. Gardes, D. 'Mesures Des Parcours De Recul De Noyaux Emetteurs Alpha Produits Par Reactions Nucleaires D'Apres Le Deplacement En Energie Du Spectre' <i>Nucl. Inst. Methods, 109, 333-40 (1973)</i> <i>Comment : R. 3.2-4.2 MeV 211At -> Al. S, dS. 7.45 MeV He -> Al</i>	1973-Bimb
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
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
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
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
1973	Harris, J. M. Chu, W. K. Nicolet, M. -A. 'Energy Straggling of 4He Below 2 MeV in Pt' <i>Thin Solid Films, 19, 259-265 (1973)</i> <i>Comment : S,dS. 1-2 MeV He -> Pt</i>	1973-Harr2
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
1973	Langley, R. A. Blewer, R. S. 'Technique for Accurately Measuring Stopping Cross Sections of Reactive Metals by Ion Back-Scattering: He Ions in Erbium' <i>Thin Solid Films, 19, 187-194 (1973)</i> <i>Comment : S. 0.25-2.5 MeV He -> Er</i>	1973-Lang

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Lin, W. K. Olson, H. G. Powers, D. 'Alpha-Particle Stopping Cross Sections of Silicon and Germanium' <i>J. Appl. Phys.</i> , 44, 3631-34 (1973) <i>Comment</i> : S. 0.3-2.0 MeV He -> Si, Ge (Amorph.)	1973-Lin
1973	Lin, W. K. Olson, H. G. Powers, D. 'Alpha-Particle Stopping Cross Section of Solids from 0.3 to 2.0 MeV.' <i>Phys. Rev. B</i> , 8, 1881-88 (1973) <i>Comment</i> : S. 0.3-2.0 MeV He -> Se, Y, Zr, Nb, Mo, Sb, Te, La, Dy, Ta, W, Au	1973-Lin 2
1973	Linker, G. Meyer, O. Gettings, M. 'Back-Scattering Energy Loss Parameters Measurements in Thin Metal Films' <i>Thin Solid Films</i> , 19, 177-185 (1973) <i>Comment</i> : S. 2 MeV He -> Ni, V, Ni, Mo, Ta	1973-Link
1973	Meyer, O. Linker, G. Kraeft, B. 'Validity of Bragg'S Rule in Sputtered Superconducting NbN and NbC Films of Various Compositions' <i>Thin Solid Films</i> , 19, 217-226 (1973) <i>Comment</i> : S. 2 MeV He -> NbN, NbC	1973-Meye
1973	Nakhutin, I. E. Demidovich, N. N. 'Range and Energy Loss of U-238 Alpha Particles in Certain Gases' <i>Yaderna Fiz.</i> , 17, 1245 (1973), <i>English transl.: Sov. J. Nucl. Phys.</i> , 17, 649-653 (1973) <i>Comment</i> : R. He (0.6-5.5 MeV) -> CF4, CF2Cl2, SF6, CH4, CO2	1973-Nakh
1973	Nitzki, V. Matzke, Hj. 'Stopping Power of 1 to 9 MeV He++ Ions in UO2, (U,Pu)O2, and ThO2' <i>Phys. Rev. B</i> , 8, 1894-1900 (1973) <i>Comment</i> : S. 1-9 MeV He -> UO2, ThO2, (U,Pu)O2	1973-Nitz
1973	Palmer, R. B. J. 'The Stopping Power of Organic Liquids for Alpha Particles over the Energy Range 1-8 MeV' <i>J. Phys. B: Atom. and Molec. Phys.</i> , 6, 384-92 (1973) <i>Comment</i> : S. 1-8 MeV He -> CCl4, Liq. and Sol. Hydrocarbons	1973-Palm
1973	Perez, A. Thevenard, P. Davenas, J. Dupuy, C. H. S. 'F-Centre Profiles Associated with Electronic Stopping Power in LiF Bombarded with High Energy Ions' <i>Phys. Stat. Sol. A</i> , 18, 189-95 (1973) <i>Comment</i> : S. 56 MeV He, 28 MeV D -> LiF. Dist. Along Path	1973-Pere
1973	Phillips, D. Pringle, J. P. S. 'Surface Effects in the Measurement of Range Profiles by Oxide Dissolution' <i>J. Electrochem. Soc.</i> , 120, 1067-66 (1973) <i>Comment</i> : R, dR. 5, 40 keV Tl, Au -> Ta2O5	1973-Phil

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Powers, D. Lodhi, A. S. Lin, W. K. Cox, H. L. 'Molecular Effects in the Energy Loss of Alpha Particles in Gaseous Media' <i>Thin Solid Films, 19, 205-215 (1973)</i> <i>Comment : S. 0.3-2.0 MeV He -> CO, CO2, C2H3Br, C2H5Br, CbrF3, C2Br2F4, (CH3)2O, C2H2F2, Hydrocarbons.</i>	1973-Powe
1973	Samuel, B. Matthias, D. Ann, T. 'Radiation Damage to Carbonaceous Deposits from Alpha Particles' <i>Biol. Res. Methods, A00, 26-34 (1973)</i> <i>Comment : S. R. He (1-8 MeV) -> Biol. Samples and Hydrocarbons</i>	1973-Samu
1973	Sellers, B. Hanser, A. Kelley, J. G. 'Energy Loss and Stopping Power Measurements Between 2 and 10 MeVamu for 3He and 4He in Silicon.' <i>Phys. Rev. B, 8, 98-102 (1973)</i> <i>Comment : S. 6-30 MeV 3He, 8-40 MeV 4He -> Si (Cryst.?)</i>	1973-Sell
1973	Wenger, E. Gardner, R. P. Verghese, K. 'Molecular Stopping Cross Sections of Alpha Particles in Butane, Propane, Ethane, Neon, Helium, and Hydrogen' <i>Health Phys., 25, 67-71 (1973)</i> <i>Comment : S. (2.5-6 MeV) He -> H2, Ne, He, C2H6, C3H8, C4H10</i>	1973-Weng
1973	Ziegler, J. F. Brodsky, M. H. 'Specific Energy Loss of 4He Ions in Silicon (Amorphous, Polycrystalline, and Single Crystal)' <i>J. Appl. Phys., 44, 188-96 (1973)</i> <i>Comment : S. 0.42-2.75 MeV He -> Si</i>	1973-Zieg
1974	Avdeichikov, V. V. Ganza, E. A. Lozhkin, O. V. 'Energy-Loss Fluctuation of Heavy Charged Particles in Silicon Absorbers' <i>Nucl. Inst. Methods, 118, 247-52 (1974)</i> <i>Comment : dS. 7.7 MeV He, 255 MeV Ar -> Si</i>	1974-Avde
1974	Baglin, J. E. E. Ziegler, J. F. 'Tests of Bragg's Rule for Energy Loss of 4He Ions in Solid Compounds' <i>J. Appl. Phys., 45, 1413-1415 (1974)</i> <i>Comment : S. He (2 MeV) -> Si, Rh, Hf, Al, W, C, and many compounds</i>	1974-Bagl
1974	Blewer, R. S. 'Proton Backscattering as a Technique for Light Ion Surface Interaction Studies in Ctr Materials Investigations' <i>J. Nucl. Mater., 53, 268-75 (1974)</i> <i>Comment : R, dR. 50-150 keV He -> Cu, 50 keV He -> Ti, V, Nb</i>	1974-Blew

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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. 559-72 (1974)</i>	1974-Blew2
	<i>Comment : R, dR. 54-158 keV He -> Cu</i>	
1974	Bontemps, A. Ligeon, E. Fonteville, J. 'Energy Loss and Projected Range of Alpha Particles in Zinc Telluride' <i>Rad. Effects, 21, 181-84 (1974)</i>	1974-Bont2
	<i>Comment : S. 0.3-2.0 MeV He -> ZnTe</i>	
1974	Borders, J. A. 'Helium Ion Stopping Cross Sections in Bismuth, Lead and Tungsten' <i>Rad. Effects, 21, 165-69 (1974)</i>	1974-Bord
	<i>Comment : S. 0.4-1.9 MeV He -> Bi, Pb, W</i>	
1974	Demidovich, N. N. Nakhutin, I. E. Shatunov, V. G. 'Energy-Loss and Range Straggling of Alpha Particles from Pu238 in Some Gases' <i>Yaderna Fiz. (Russia), 18, 133-41 (1973). [Engl. Trans. Sov. J. Nucl. Phys., 18, 70-73 (1974).]</i>	1974-Demi
	<i>Comment : S, dS. 3-5.5 MeV He -> CH4, CO2, CF4, CF2Cl2, SF6</i>	
1974	EerNisse, E. P. 'Compaction of Ion Implanted Fused Silica' <i>J. Appl. Phys., 45, 167-174 (1974)</i>	1974-EerN
	<i>Comment : R, H, He, O, Ne, Ar (150-300 keV) -> SiO2 One of the earliest SiO2 compaction studies.</i>	
1974	Engel, P. F. Borders, J. A. Chernow, F. 'Stopping Power of Cadmium Sulfide for Helium Ions' <i>J. Appl. Phys., 45, 38-42 (1974)</i>	1974-Enge
	<i>Comment : S. 0.96-5.3 MeV He -> CdS</i>	
1974	Feng, J. S. -Y. Chu, W. K. Nicolet, M. -A. 'Stopping-Cross-Section Additivity for 1-2-MeV 4He+ in Solid Oxides' <i>Phys. Rev. B, 10, 3781-88 (1974)</i>	1974-Feng
	<i>Comment : S. 1-2 MeV He -> MgO, Al2O3, SiO2, He-Fe2O3, Fe3O4</i>	
1974	Hildebrandt, D. Muller-Jahreis, U. 'Electronic Retarding Cross Sections of Light Ions in GaSb' <i>Int. J. Mass Spectrom. and Ion Phys. (Netherlands), 13, 177-9 (1974)</i>	1974-Hild
	<i>Comment : S. 10-100 keV H, He, Li, B, C, N, O, F, Ne -> GaSb</i>	
1974	Kamitsubo, H. 'Heavy Ion Science' <i>Oyo Buturi (Japan), 43, 1019-28 (1974)</i>	1974-Kami
	<i>Comment : S, dS. H, He, C, O, Ar, Xe (1, 10 MeV/amu) -> H2O</i>	

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Kubo, K. 'Depths of the Regions Damaged by Protons, Deuterons and Alpha-Particles in Lithium Fluoride Single Crystals' <i>J. Phys. Soc. Jap.</i> , 36, 1593-6 (1974) <i>Comment</i> : R, dR. 0.6-2.0 MeV H, 2H, 4He -> LiF	1974-Kubo
1974	Lin, W. K. Matteson, S. Powers, D. 'Alpha-Particle Stopping Cross Section of Gold and Silver as Measured from Thick Targets' <i>Phys. Rev. B</i> , 10, 3746-55 (1974) <i>Comment</i> : S. 0.3-2.0 MeV He -> Au, Ag	1974-Lin
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) <i>Comment</i> : S. 6-16 keV He -> Cu	1974-Nomu
1974	Roth, J. Behrisch, R. Schertzer, B. M. U. 'Determination of the Depth Distribution of Implanted Helium Atoms in Niobium by Rutherford Backscattering' <i>Appl. Phys. Letters</i> , 25, 643-44 (1974) <i>Comment</i> : R,dR. 4 keV He -> Nb (Cryst.; Chann. And Random)	1974-Roth
1974	Schmid, K. Fischer, G. Muller, H. Ryssel, H. 'Experimental Data About Dechanneling and Channel Stopping Power' <i>Rad. Effects</i> , 23, 145-49 (1974) <i>Comment</i> : S. 1 MeV He -> Si (Cryst.)	1974-Schm
1974	Sidenius, G. 'Systematic Stopping Cross Section Measurements with Low Energy Ions in Gases' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd.</i> , 39, No. 4, 1-32 (1974) <i>Comment</i> : S. 0.6-70 keV H, He, 2-120 keV 6Li, 7Li, 3-120 keV Be, B, C, N, O, F, Ne -> CH4	1974-Side
1975	Al-Bedri, M. B. Harris, S. J. 'Dose Equivalent Rate in Basal Layer of Skin from Am-241 Alpha Particles' <i>Health Phys.</i> , 28, 814-818 (1975) <i>Comment</i> : S,R. He (0-4.5 MeV) -> Tissue equivalent gases and plastics. Differential range measurements.	1975-Al 2
1975	Behrisch, R. Bottiger, J. Eckstein, W. Littmark, U. Roth, J. 'Implantation Profiles of Low-Energy Helium in Niobium and the Blistering Phenomena' <i>Appl. Phys. Letters</i> , 27, 199-201 (1975) <i>Comment</i> : R, dR. 15 keV 3He -> Nb	1975-Behr

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Brendle, M. Gugel, F. Steidle, G. 'The Ranges of Alpha Particles in H ₂ , He, CH ₄ and CO ₂ at Energies from 0.5 to 5.3 MeV.' <i>Nucl. Inst. Methods, 130, 253-256 (1975)</i> <i>Comment : R. 0.5-5.3 MeV He -> H₂, He, CH₄, CO₂</i>	1975-Bren
1975	Bulgakov, Yu. V. Nikolaev, V. S. Shulga, V. I. 'Impact-Parameter Dependence of Inelastic Energy Losses for He and N Ions Channeled in Si' <i>Phys. Stat. Sol. A, 31, 341-50 (1975)</i> <i>Comment : S, dS. 1.3, 6.6 MeV He, 4.4 MeV N -> Si (Cryst.)</i>	1975-Bulg
1975	Burgess, V. W. E. 'The Stopping Power of Organic Compounds for Alpha Particles in the Range 1-8 MeV' <i>J. Phys. D: Appl. Phys., 8, 782-89 (1975)</i> <i>Comment : S. 1.5-8 MeV He -> Organic Compounds (Sol., Liq., Vap.)</i>	1975-Burg
1975	Feng, J. S. -Y. 'Energy Loss of 0.3-2.0 MeV 4He Ions in Aluminum.' <i>J. Appl. Phys., 46, 9444-45 (1975)</i> <i>Comment : S. 0.3-2.0 MeV He -> Al.</i>	1975-Feng
1975	Harris, J. M. Nicolet, M. -A. 'Energy Straggling of 4He Ions Below 2 MeV in Al, Ni, Pt, and Au' <i>J. Vac. Sci. Technol., 12, 439-43 (1975)</i> <i>Comment : S, dS. 0.6-2.0 MeV He -> Al, Ni, Pt, Au</i>	1975-Harr
1975	Harris, J. M. Nicolet, M-A. 'Energy Straggling of 4He Ions below 2MeV in Al, Ni and Au.' <i>Phys. Rev. B, 11, 1013-19 (1975)</i> <i>Comment : S, dS. 1-2 MeV He -> Al, Ni, Au</i>	1975-Harr2
1975	Hehl, K. Karge, H. Prager, R. 'Range of Protons and Helium Ions in Alkali Halide Crystals' <i>Exp. Tech. Phys., 23, 455-61 (1975)</i> <i>Comment : R, dR. 0.3-1.7 MeV H, He -> NaF, NaCl, KCl, KBr, KI</i>	1975-Hehl
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z ^{1*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, 51, 54-54 (1975)</i> <i>Comment : S. 28.8 MeV He -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au</i>	1975-Ishi
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., 39, 557-65 (1975)</i> <i>Comment : S. 8.78 MeV He -> Al, Cu, Ag, Ta</i>	1975-Ishi2

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Kaminsky, M. Das, S. K. Fenske, G. 'Correlation Between Blister Skin Thickness, the Maximum in the Damage-Energy Distribution, and Projected Ranges of He ⁺ Ions in Metals: Nb' <i>Appl. Phys. Letters</i> , 27, 521 (1975) <i>Comment</i> : R. 100 - 1500 keV 4He -> Nb. Ranges From Metal Blister Skin Thickness.	1975-Kami
1975	Langley, R. A. 'Stopping Cross Sections for Helium and Hydrogen in H ₂ , N ₂ , O ₂ and H ₂ S (0.3 - 2.5 MeV)' <i>Phys. Rev. B</i> , 12, 3575-83 (1975) <i>Comment</i> : S. 0.3-2.5 MeV H, He -> H ₂ , N ₂ , O ₂ , H ₂ S	1975-Lang
1975	Leminen, E. Fontell, A. 'Stopping Power of Ti, Mo, Ag, Ta and W for 0.5 - 1.75 MeV 4He Ions.' <i>Rad. Effects</i> , 22, 39-44 (1975) <i>Comment</i> : S. 0.5-1.75 MeV He -> Ti, Mo, Ag, Ta, W	1975-Lemi
1975	Miller, W. E. Hutchby, J. A. 'Stopping Cross Sections for 0.25-3.0 MeV 4He Ions in Cadmium Sulfide.' <i>J. Appl. Phys.</i> , 46, 4479-83 (1975) <i>Comment</i> : S. 0.25-3.0 MeV He -> CdS	1975-Mill
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) <i>Comment</i> : S. 4-16 keV H, He -> Cu, Ag, Au	1975-Nomu
1975	Perez, A. Thevenard, P. Dupuy, C. H. S. 'Investigations on Electronic Stopping Power in Alkali Halides by Means of Color Center Profiles' <i>Datz, B. R. Appleton, C. D. Moak (Ed.): Atomic Collisions in Solids. Plenum N. Y.</i> , 47-56 (1975) <i>Comment</i> : S. 28 MeV D, 56 MeV He -> LiF	1975-Pere
1975	Schuch, R. 'Blocking-Effekte Bei Transmission von Alpha-Teilchen Durch Germanium - und Siliziumkristalle' <i>Z. Physik A</i> , 272, 61-66 (1975) <i>Comment</i> : S. 8.8 MeV He -> Si, Ge (Cryst.)	1975-Schu
1975	Sidenius, G. Andersen, N. 'Multiple Scattering of keV Ions' Lateral Distributions in Argon and Nitrogen' <i>Nucl. Inst. Methods</i> , 131, 387-389 (1975) <i>Comment</i> : dR (lateral). (50-180 keV) H, He, N, Ne, Ar -> Ar, N, Xe	1975-Side

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Ziegler, J. F. Chu, W. K. Feng, J. S. 'Empirical Corrections to the Energy Loss of 4He Ions in Oxides' <i>Appl. Phys. Letters</i> , 27, 387-90 (1975) <i>Comment</i> : S. 2 MeV He -> Fe2O3, Fe3O4, MgO, Al2O3, SiO2, Si3N4 All Rel. To Metal	1975-Zieg
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</i> , 137, 157-67 (1976) <i>Comment</i> : dS. 8.78 MeV He -> C, Au, Ni, Al, SiO2, Ru	1976-Abel
1976	Al-Bedri, M. B. 'Range-Energy Relationships and Energy Straggling of Energetic Ions in Various Stopping Media' <i>Preprint</i> (1976) <i>Comment</i> : S, dS, R, dR. H, 4He, Fission Fragments -> Gases and Solids	1976-Al
1976	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. 'Experimental Investigations of Higher-Order Z1 Corrections to the Bethe Stopping Power Formula, in B' <i>Navinsek (Ed.) Physics of Ionized Gases, 1976. Contributed Papers. J. Stefan Institute. Ljubljana. P. 221-23 (1976)</i> <i>Comment</i> : S. 3-6.8 MeV D, 5-13 MeV He, 8.5-21 MeV 7Li -> Ag, Au	1976-Ande
1976	Avdeichikov, V. V. Ganza, E. A. Lozhkin, O. V. 'Energy Resolution of Thin Semiconductor Delta-E Detectors for Alpha Particles and Heavy Ions' <i>Nucl. Inst. Methods</i> , 131, 61-68 (1976) <i>Comment</i> : dS. (1-200 MeV) He, C, N, O, Ne, Ar -> Si	1976-Avde
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.</i> , 68, 2067-74 (1975) [<i>Engl. Trans. Sov. Phys. JETP</i> , 41, 1034-37 (1976)] <i>Comment</i> : dS. 1.3 MeV He, 4.6 MeV N -> Al, Cu, Ag, Au	1976-Bedn
1976	Biersack, J. P. 'High Dose He+ Bombardment of Niobium at 800 Deg. to 1400 Deg. C.' <i>J. Nucl. Mater.</i> , 63, 253-261 (1976) <i>Comment</i> : R. 6 keV He -> Nb	1976-Bier
1976	Blewer, R. S. Langley, R. A. 'Depth Distribution and Migration of Helium in Vanadium at Elevated Temperatures' <i>J. Nucl. Mater.</i> , 63, 337-346 (1976) <i>Comment</i> : R. 80 keV He -> V	1976-Blew

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Das, S. K. Kaminsky, M. Fenske, G. 'Correlation Between Blister Skin Thickness, the Maximum in the Damage-Energy Distribution, an Projected Ranges of He Ions in Metals: A Comparison for Al, V and Nb' <i>Application of Ion Beams to Metals, the Institute of Physics, 293 - 298 (1976)</i> <i>Comment : R. (.1-1.5 MeV) He -> Al, V, Nb. Ranges From Metal Blister Skin Thickness.</i>	1976-Das
1976	Eckstein, W. Behrisch, R. Roth, J. 'Achieved Depth Resolution in Profiling Light Atoms by Nuclear Reactions' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 821-30 (1976)</i> <i>Comment : R, dR. 15 keV 3He -> Nb (Cryst. Chann.) 1.5 keV 3He -> Nb (Cryst. Random)</i>	1976-Ecks
1976	Feuerstein, A. Grahmann, G. Kalbitzer, S. Oetzmann, H. 'Rutherford Backscattering Analysis with Very High Depth Resolution using an Electrostatic Analysing System' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 471-81 (1976)</i> <i>Comment : dS. 100-200 keV P,D; 250 keV He -> Pt, Au, SiO2</i>	1976-Feue
1976	Geary, M. J. Haque, A. K. M. M. 'The Stopping Power and Straggling for Alpha Particles in Tissue Equivalent Materials' <i>Nucl. Inst. Methods, 137, 151-5 (1976)</i> <i>Comment : S, dS. 0.5-5.5 MeV He -> Air, Melinex, Mylar</i>	1976-Gear
1976	Grahmann, G. Kalbitzer, S. 'Nuclear and Electronic Stopping Powers of Low Energy Ions with Z <= 10 in Silicon' <i>Nucl. Inst. Methods, 132, 119-23 (1976)</i> <i>Comment : S. 2-60 keV H, He, B, C, N, Ne -> Si</i>	1976-Grah
1976	Harley, N. H. Pasternack, B. S. 'Experimental Absorption Applied to Lung Dose from Thoron Daughters' <i>Health Phys., 24, 379-86 (1976)</i> <i>Comment : S. 0.2-8.5 MeV He -> Polycarbonate (Lung dose)</i>	1976-Harl
1976	Hartemann, P. Marizot, M. 'Ion Implantation in Piezoelectric Substrates' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 257-264 (1976)</i> <i>Comment : R. 100 keV He, Li, Be -> Piezoelectric Substrates</i>	1976-Hart
1976	Helmbold, M. E. 'Energieverlust und Lichtausbeute Bei Axialem Channeling von Alpha-Teilchen in Anthrazen' <i>Z. Physik A, 278, 9-14 (1976)</i> <i>Comment : S, dS. 6.05, 8.78 MeV He -> Anthracene</i>	1976-Helm

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Hoffman, I. Jager, E. Muller-Jahreis, U. 'Z1-Dependence of Electronic Energy Stragglings of Light Ions' <i>Rad. Effects, 31, 57 (1976)</i> <i>Comment : dS. 2 <= Z1 <= 10 (10-100 Kev) -> C, Si</i>	1976-Hoff
1976	Hoffman, G. E. Powers, D. 'Energy Stragglings of Alpha Particles in Solid Materials' <i>Phys. Rev. A, 13, 2042-48 (1976)</i> <i>Comment : S, dS. 0.5-2.0 MeV He -> Ti, Cr, Co, Cu, Ag</i>	1976-Hoff2
1976	Kaminsky, M. Das, S. K. Fenske, G. 'Correlation Between Blister Skin Thickness, the Maximum in the Damage-Energy Distribution, and Projected Ranges of He+ Ions in Metals : V' <i>J. Nucl. Mater. Letters (1976)</i> <i>Comment : R. 100 - 1000 keV 4He -> V. Ranges From Metal Blister Skin Thickness.</i>	1976-Kami
1976	Kaminsky, M. Das, S. K. 'Surface Erosion Phenomena in Connection with CTR Applications' <i>Scientific and Industrial Applications of Small Accelerators, Ieee 4Th Conference, 238-245 (1976)</i> <i>Comment : R. 20 keV-1 MeV He -> V, Nb, Fe. Ranges From Metal Blister Skin Thickness.</i>	1976-Kami2
1976	L'Hoir, A. Cohen, C. Amsel, G. 'Experimental Study of the Stopping Power and Energy Stragglings of MeV 4He, 12C, 14N and 16O Ions in Amorphous Aluminum Oxide' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 965-76 (1976)</i> <i>Comment : S, dS. 0.3-1.7 MeV He, 12C, 14N, 16O -> Al2O3</i>	1976-L
1976	Langley, R. A. Blewer, R. S. 'Measurement of the Stopping Cross Sections for Protons and 4He Ions in Erbium and Erbium Oxide: a Test of Bragg's Rule' <i>Nucl. Inst. Methods, 132, 109-16 (1976)</i> <i>Comment : S. 0.25-2.5 MeV H, He -> Er, Er2O3</i>	1976-Lang
1976	Luomajarvi, M. Fontell, A. Bister, M. 'Energy Stragglings of 4He 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> <i>Comment : S, dS. 0.5-2 MeV He -> Al, Cu</i>	1976-Luom
1976	Matsumura, H. Furukawa, S. 'Simple Formulation for Energy Stragglings of Helium in Silicon' <i>Rad. Effects, 27, 245-46 (1976)</i> <i>Comment : dS. 1-2 MeV He -> Si</i>	1976-Mats

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1976	Roth, J. Picraux, S. T. Eckstein, W. Bottigern, J. Behrisch, R. 'Temperature Dependence of He Trapping in Niobium' <i>J. Nucl. Mater., 63, 120 - 125 (1976).</i> <i>Comment : R, dR. 9 - 15 keV 3He -> Nb (Tgt. Temp. 20 - 1000 Deg.).</i>	1976-Roth
1976	Roth, J. Behrisch, R. Eckstein, W. Schertzer, B. M. U. 'Depth Profiling of Implanted 3He in Solids by Nuclear Reaction and Rutherford Backscattering' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 47-54 (1976)</i> <i>Comment : R, dR. 15 keV 3He -> Nb (Cryst.) S. 500 keV D -> Nb</i>	1976-Roth2
1976	Schertzer, B. M. U. Borgesen, P. Nicolet, M. -A. Mayer, J. W. 'Determination of Stopping Cross Sections by Rutherford Backscattering' <i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 33-46 (1976)</i> <i>Comment : S. 0.2-2.0 MeV He -> Au, Pt, Ta2O5, SiO2</i>	1976-Sche
1976	Shabason, L. Choyke, W. J. 'Helium Depth Profiles in Thin Metal Foils' <i>Nucl. Inst. Methods, 138, 533-536 (1976)</i> <i>Comment : R. 200 keV He -> Ni (Determined by Backscattering)</i>	1976-Shab
1976	St-Jacques, R. G. Martel, J. G. Terreault, B. Veilleux, G. Das, S. K. 'Correlation Between Blister Skin Thickness, the Maximum in the Damage Energy Distribution, and Projected Ranges of Helium Ions in Nb for the Energy Range 10-1500 keV' <i>J. Nucl. Mater., 63, 273-279 (1976)</i> <i>Comment : R. 10 keV-1.5 MeV He -> Nb</i>	1976-St
1976	Strittmatter, R. B. Wehring, B. W. 'Alpha-Particle Energy Straggling in Solids' <i>Nucl. Inst. Methods, 135, 173-77 (1976)</i> <i>Comment : dS. 6.11 MeV He -> Al, Ag, Au</i>	1976-Stri
1976	Terreault, B. Martel, J. G. St-Jacques, R. G. Veilleux, G. 'Low-Energy Helium Bombardment of Copper and Niobium: Gas Depth Profile Measurements' <i>Proc. of 9th Symposium on Fusion Technology, Pergamon Press, N. Y., 611 (1976)</i> <i>Comment : R. 1, 5, 10, 15, 20, 25 keV He -> Cu; 10 keV He -> Nb</i>	1976-Terr

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Terreault, B. Martel, J. G. St-Jacques, R. G. Veilleux, G. L'Ecuyer, J. 'Measurement of the Depth Distribution of Light Impurities in First-Wall Materials: He in Nb' <i>J. Nucl. Mater.</i> , 63, 106 (1976) <i>Comment</i> : R, dR. 10 keV 4He -> Nb	1976-Terr2
1976	Thieme, G. 'Bestimmung Des Elektronischen Energieverlustes von H ⁺ -, He ⁺ - und N ⁺ -Ionen in Gold Durch Vergleich von Messergebnissen Mit Monte-Carlo-Rechnungen' <i>Vakuum-Technik</i> , 25, 5-12 (1976) <i>Comment</i> : S. 40-110 keV H, He, N -> Au	1976-Thie
1976	Whillock, M. J. Edwards, A. A. 'Measurements of the Stopping Cross Sections of Ethylene and Polyethylene Using Alpha Particles in the Energy Range 1.5-4.2 MeV' <i>EuroAtom Rpt.</i> 5629, 115-120 (1976) <i>Comment</i> : S. He (1.5-4.2 MeV) -> Ethylene, Polyethylene	1976-Whil
1976	Wilken, B. Fritz, T. A. 'Energy Distribution Functions of Low Energy Ions in Silicon Absorbers Measured for Large Relative Energy Losses' <i>Nucl. Inst. Methods</i> , 138, 331-343 (1976) <i>Comment</i> : dS. 300 keV-1.5 MeV H, 3He -> Si	1976-Wilk
1976	Ziegler, J. F. Chu, W. K. Feng, J. S. 'Evidence of Solid State Effects in the Energy Loss of 4He Ions in Matter' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 15-27 (1976)</i> <i>Comment</i> : S. 2 MeV He -> Fe ₂ O ₃ , Fe ₃ O ₄ , MgO, Al ₂ O ₃ , SiO ₂ , Si ₃ N ₄	1976-Zieg2
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. 'Experimental Investigation of Higher-Order Z ¹ Corrections to the Bethe Stopping-Power Formula' <i>Nucl. Inst. Methods</i> , 140, 537-540 (1977) <i>Comment</i> : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au	1977-Ande3
1977	Bednyakov, A. A. Bulgakov, U. V. Nikolaev, V. S. Sobakin, V. P. Chernov, V. L. 'The Energy Straggling of Hydrogen and Helium Ions in Aluminum and Polystyrene' <i>Phys. Letters</i> , 62A, 183-184 (1977) <i>Comment</i> : dS. 0.1-4.0 MeV H, He -> Al, Polystyrene	1977-Bedn
1977	Besant, C. B. Qaqish, A. Y. Varga, B. B. 'Detection Efficiency and Range Measurements of Alphas and Protons in Cellulose Nitrate' <i>Rad. Effects</i> , 34, 67-73 (1977) <i>Comment</i> : R. 1.0-6.0 MeV H, He -> Cellulose Nitrate	1977-Besa

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Besenbacher, F. 'Stopping Power and Stragglings for H and He Ions in Gas Targets' <i>Specialeopgave. Aarhus University (1977)</i> <i>Comment</i> : S. dS. 20-500 keV H, He -> H, He N, O, Ne, Ar, Kr, Xe, CO2	1977-Bese
1977	Besenbacher, F. Heinmeier, J. Hvelplund, P. Knudsen, H. 'Energy-Loss Stragglings for Protons and Helium Ions' <i>Phys. Letters, 61A, 75-77 (1977)</i> <i>Comment</i> : dS. 50-500 keV/Nucleon H, He -> Kr, N, He	1977-Bese2
1977	Borgesen, P. Nicolet, M. A. 'Stopping Cross Section Measurements with Thin Supported Films' <i>Nucl. Inst. Methods, 140, 541-548 (1977)</i> <i>Comment</i> : S. 0.5-2.0 MeV He -> Al, Au, Pt	1977-Borg
1977	Cameron, J. M. Mccamis, R. H. Miller, G. A. Moss, G. A. Roy, G. 'Energy Loss and Stragglings of Low Energy Alphas in Helium' <i>Nucl. Inst. Methods, 145, 405-407 (1977)</i> <i>Comment</i> : S, dS. 0.1-1.7 MeV He -> He	1977-Came
1977	Datz, S. DelCampo, J. G. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. 'Higher-Order Z1 Effects and Effects of Screening by Bound K-Electrons on the Electronic Stopping of Channeled Ions' <i>Phys. Rev. Letters, 38, 1145-1148 (1977)</i> <i>Comment</i> : S. 2 MeV/amu H, He, Li, Be, B, C, N, O, F, 3.5 MeV/amu H, He, Li, Be, B -> Au [111]	1977-Datz
1977	Datz, S. Gomez del Campo, J. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. 'Higher Order Z1 Effects and Effects of Screening by Bound k-electrons on the Electronic Stopping of Channeled Ions' <i>Phys. Rev. Letters, 38, 1145-1148 (1977)</i> <i>Comment</i> : S. H, He, Li, Be, B (3.5 MeV/amu) -> Au Channeled stopping powers.	1977-Datz2
1977	DelBianco, W. Richer, J. 'Stopping Power of Alpha Particles in Deuterium Gas' <i>Nucl. Inst. Methods, 140, 215 (1977)</i> <i>Comment</i> : S. 5.5 MeV He -> D	1977-DelB
1977	Donnelly, S. E. Whitmell, D. S. Nelson, R. S. 'A New Technique for the Measurement of Implanted He Profiles in Nickel' <i>Rad. Effects, 33, 145-148 (1977)</i> <i>Comment</i> : R. 100 keV He -> Ni (Gas Release Method)	1977-Donn
1977	Geissel, H. Guttner, K. Hofmann, S. Munzenberg, G. 'Energy Loss and Stragglings of Alpha Particles in Thin Homogeneous Ne-111 Scintillator Foils' <i>Nucl. Inst. Methods, 144, 465-468 (1977)</i> <i>Comment</i> : S, dS. 1-5 MeV He -> Ne-111 Scintillator Foils	1977-Geis

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Holland, O. W. Appleton, B. R. 'Well-Channelled Ions with Greater-Than-Random Energy Loss Rates' <i>IEEE Proc. of 4th Intl. Conf. on Small Accelerators, Denton, Tex. (1977)</i> <i>Comment : S. 1.0 MeV He -> Si <111></i>	1977-Holl
1977	Jarvis, O. N. Sherwood, A. C. Whitehead, C. Lucas, M. W. 'Stopping Power for Fast Channeled Alpha Particles in Silicon' <i>Phys. Rev. B, 16, 3880-3886 (1977)</i> <i>Comment : S. 160 MeV He -> Si ([110], [111], And Random)</i>	1977-Jarv
1977	Kreysch, G. Muller-Jahreis, U. 'Electronic Energy Straggling 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
1977	Matteson, S. Powers, D. Chau, E. K. L. 'Physical-State Effect in the Stopping Cross Section of H ₂ O Ice and Vapor for 0.3 - 2.0 MeV Alpha Particles.' <i>Phys. Rev. A, 15, 856 - 864 (1977)</i> <i>Comment : S. 0.3 - 2 MeV 4He -> H₂O (Both Solid And Gas Phase).</i>	1977-Matt
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
1977	Moller, W. Hufschmidt, M. Ekam, D. 'Large Depth Profile Measurements of D, 3He, 6Li by Deuteron Induced Nuclear Reactions' <i>Nucl. Inst. Methods, 140, 157-165 (1977)</i> <i>Comment : R, dR, dS. 2-6 MeV D, 3He, 6Li -> Ni</i>	1977-Moll2
1977	Ndocko-Ndongue, V. B. Pape, A. J. Armbruster, R. 'Low Energy Stopping Powers of Some Heavy Ions in Gold' <i>Rad. Effects, 33, 91-93 (1977)</i> <i>Comment : S. 50-500 keV 4He, 12C, 14N, 16O, 20Ne, 28Si, 40Ar -> Au</i>	1977-Ndoc
1977	Pape, A. Hage-Ali, M. Refaei, S. M. Siffert, P. Cooperman, E. L. 'Stopping Power and Straggling of H and 4He in ZnTe and CdTe' <i>Rad. Effects, 33, 193-197 (1977)</i> <i>Comment : S, dS. 500-2800 keV H, He -> ZnTe, CdTe</i>	1977-Pape
1977	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. Parthasaradhi, K. 'Energy Straggling of 5.86-MeV Alpha Particles in Al.' <i>Phys. Rev. A, 15, 2221-2226 (1977)</i> <i>Comment : dS. 5.486 MeV He -> Al</i>	1977-Sofi

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
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
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
1977	Thompson, D. A. Robinson, J. E. Walker, R. S. 'Inelastic Stopping of Medium Energy Light Ions in Silicon' <i>Rad. Effects</i> , 32, 169-175 (1977) <i>Comment</i> : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si	1977-Thom
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
1978	Baglin, J. E. E. Chu, W. K. 'Stopping Power of 0.3 - 2.6 MeV 4He Ions in Fe and Ni.' <i>Nucl. Inst. Methods</i> , 149, 695-699 (1978). <i>Comment</i> : S. 0.3 - 2.6 MeV 4He -> Fe, Ni	1978-Bagl
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</i> , 149, 93 (1978) <i>Comment</i> : S,R,dR. 0.2-340 keV H, 3He -> Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo	1978-Bier
1978	Bottiger, J. Jensen, P. S. Littmark, U. 'Depth Profiles of 3He Ions Implanted into Solids at Energies Between 20 and 60 keV' <i>J. Appl. Phys.</i> , 49, 965-970 (1978) <i>Comment</i> : R, dR. 20-60 keV 3He -> C, Al, Si, V, Ni, Zr	1978-Bott2
1978	Chau, E. K. L. Powers, D. 'Measurement of Molecular Stopping Cross Sections of Aldehydes and Ketones and Calculation of the Atomic Stopping Cross Section of Oxygen in Ring-Structure C-H-O Compounds' <i>J. Appl. Phys.</i> , 49, 2611-15 (1978) <i>Comment</i> : S. 0.3 - 2.0 MeV He -> Butyraldehyde, Acetone, 2-Butanone, 3-Pentanone	1978-Chau

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Chau, E. K. L. Powers, D. Lodhi, A. S. Brown, R. B. 'Stopping Cross Sections of Three-Membered Ring-Structure Molecules and Their Double Bonded Isomers for 0.3 - 2.0-MeV He+ Ions.' <i>J. Appl. Phys.</i> , 49, 2346-2349 (1978) <i>Comment</i> : S. 0.3-2.0 MeV He -> Acetaldehyde, Ethylene Oxide, Propylene Oxide, Vinyl Methyl Ether	1978-Chau2
1978	Chu, W. K. Braun, M. Davies, J. A. Matsunami, N. Thompson, D. A. 'Energy Loss of He Ions in Solidified Gases' <i>Nucl. Inst. Methods</i> , 149, 115-120 (1978) <i>Comment</i> : S. 0.5-2.0 MeV He -> Solid Ar, O, CO2	1978-Chu
1978	Das, S. K. Kaminsky, M. Fenske, G. 'The Significance of a Correlation of Blister Diameter with Skin Thickness for Ni and Be for Blistering Models' <i>J. Nucl. Mater.</i> , 76 and 77, 215-220 (1978) <i>Comment</i> : R. 20 -500 keV He -> Ni, Be	1978-Das
1978	Dopheide, D. 'Calculated Measured Scintillation Response of Alpha-Particles in Planar Channeling- and Blocking-Experiments with Anthracene Single Crystals' <i>Z. Physik A</i> , 288, 365-368 (1978) <i>Comment</i> : S, dS. 6-8 MeV 4He -> Anthracene	1978-Doph
1978	Eckardt, J. C. 'Energy Loss and Straggling of Protons and Helium Ions Traversing Some Thin Solid Foils' <i>Phys. Rev. A</i> , 18, 426-433 (1978) <i>Comment</i> : S, dS. 20-260 keV H, He -> Ge, Se, Pd, Ag, Sb, Bi	1978-Ecka2
1978	Geary, M. J. Haque, A. K. M. M. 'A Spectrometer for the Study of Stopping power and Straggling for Alpha Particles in Liquids' <i>J. Phys. E</i> , 11, 795-800 (1978) <i>Comment</i> : S,R. He (0.1-5.4 MeV) -> H2O, Tissue liquid. Preliminary results.	1978-Gear
1978	Hanke, C. C. Laursen, J. 'Stopping Cross Sections for Alpha Particles from 1.0 to 8.5 MeV in H2, He, N2, O2, Ne, Kr, and Xe.' <i>Nucl. Inst. Methods</i> , 151, 253-260 (1978) <i>Comment</i> : S. 1.0 - 8.5 MeV He -> H, He, N, O, Ne, Kr, Xe.	1978-Hank
1978	Henager, C. H. Brimhall, J. L. Simonen, E. P. 'The Damage Profile in Mo Bombarded with Ni++, Ni++ and He Ions' <i>Rad. Effects</i> , 36, 49-55 (1978) <i>Comment</i> : R. 5 MeV Ni, 200 keV He -> Mo	1978-Hena

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1978	Jarvis, O. N. Sherwood, A. C. Whitehead, C. Lucas, M. W. 'Channeling of Fast Protons, Deuterons and Alpha Particles' <i>Preprint (1978)</i> <i>Comment : S, R, dR. 160 keV He, 81.5 keV D, 158.5 keV H -> Si</i>	1978-Jarv
1978	Kaminsky, M. Das, S. K. Fenske, G. 'Gas Bubble and Damage Microstructure in Helium Implanted Nickel' <i>IX Summer School-Physics of Ionized Gases, Dubrovnik, Yugoslavia (1978)</i> <i>Comment : R, dR. 500 keV He -> Ni</i>	1978-Kami
1978	Kaminsky, M. Das, S. K. 'Correlation of Blister Diameter and Blister Skin Thickness for Helium Bombarded V' <i>J. Appl. Phys., 49, 5673-5675 (1978)</i> <i>Comment : R. 100 keV He -> V</i>	1978-Kami2
1978	Kissinger, H. E. Brimhall, J. L. Simonen, E. P. Charlot, L. A. 'Dual-Beam Ion Bombardment of Molybdenum' <i>J. Nucl. Mater., 78, 210-212 (1978)</i> <i>Comment : R, dR. 7.2 MeV Ta, 200-300 keV He -> Mo</i>	1978-Kiss
1978	Langley, R. A. Blewer, R. S. Roth, J. 'Behaviour of Implanted D and He in Pyrolytic Graphite' <i>J. Nucl. Mater., 76 and 77, 313-321 (1978)</i> <i>Comment : R, dR. 8 keV 2H, He -> Graphite</i>	1978-Lang
1978	Luomajarvi, M. 'Stopping Powers of Ti, Mn, Ni, and Zn for 0.5-2.0 MeV 4He Ions Relative to Those of Al and Cu.' <i>Rad. Effects, 37, 223-227 (1978)</i> <i>Comment : S. 0.5-2.0 MeV 4He -> Ti, Mn, Ni, Zn</i>	1978-Luom
1978	Matteson, S. Harris, J. M. Pretorius, R. Nicolet, M-A. 'Precision Stopping Cross Section Measurement of Gold for 4He' <i>Nucl. Inst. Methods, 149, 163-167 (1978)</i> <i>Comment : S. 0.5-2.1 MeV He -> Au</i>	1978-Matt
1978	Matthias, D. Samuel, B. Ann, T. 'Radiation Damage to Tissue Equivalent Gas from MeV Heavy Ions' <i>Biol. Res. Methods, A0, 26-34 (1978)</i> <i>Comment : S. R. He, C, N, O (1-10 MeV) -> Tiss. Eq. Gas</i>	1978-Matt2

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 (1978)</i> <i>Comment : S. 0.15-1 MeV He -> C, Ge, Si</i>	1978-Oetz
1978	Ouseph, P. J. Mostovych, A. ' An Experiment to Measure Range, Range Stragglng, Stopping Pwer and Energy Stragglng of Alpha Particles in Air ' <i>Am. J. Phys., 46, 742-744 (1978)</i> <i>Comment : S,dS,R,dR. He (0.3-4.0 MeV) -> Air</i>	1978-Ouse
1978	Palmer, R. B. Akhavan-Rezayat, A. ' Range-Energy Relations and Stopping Power of Water, Water Vapour and Tissue-Equivalent Liquid for Alpha Particles from 0.5-8 MeV ' <i>Proc. 6th Sym. Microdosimetry, EurAtom Rpt. 6064, 739-748 (1978)</i> <i>Comment : S,R. He (0-7 MeV) -> H2O, Tissue equivalent liquid.</i>	1978-Palm
1978	Rosendahl, E. W. Monkediak, J. ' Measurement of the Energy Loss of Non-Channeled Alpha-Particles in Transmission and Interpretation with the Aid of an Averaged Continuum Potential ' <i>Z. Physik A, 285, 33-36 (1978)</i> <i>Comment : S. 8.78 MeV He -> Si</i>	1978-Rose
1978	Roth, J. Scherzer, B. M. U. Behrisch, R. Borgesen, P. ' The Replacement of 3He Implanted in Nb by Subsequent 4He Bombardment and Vice Versa ' <i>Nucl. Inst. Methods, 149, 53-57 (1978)</i> <i>Comment : R. 30, 50 keV 3He, 4He -> Nb</i>	1978-Roth
1978	Scherzer, B. M. U. Bay, H. L. Behrisch, R. Borgesen, P. Roth, J. ' Depth Profiling of Helium in Ni and Nb, Comparison of Different Methods ' <i>Nucl. Inst. Methods, 157, 57-81 (1978)</i> <i>Comment : R, dR. 30 keV 3He And 4He -> Ni, Nb</i>	1978-Sche
1978	Thomas, J. P. Fallavier, M. ' Lithium Ion Production and Use for Backscattering Analysis in Al and Al2O3 Media ' <i>Nucl. Inst. Methods, 149, 169-175 (1978)</i> <i>Comment : S,dS. He,Li (0.3-3MeV) -> Al2O3, Al</i>	1978-Thom2
1978	Ullrich, B. M. Mayer, J. W. ' Stragglng of MeV Ions in Osmium ' <i>Boehm. Phys. Gess. J., 1, 478-489 (1978)</i> <i>Comment : S, dS. 2-50 MeV H, He, Li, Be, B, C, N, O -> Os</i>	1978-Ullr

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Whillock, M. J. Edwards, A. A. 'Comparison of the Stopping Cross Sections of Ethylene and Polyethylene Using Alpha Particles in the Energy Range 1.5-4.2 MeV' <i>Phys. Med. Biol.</i> , 23, 416-425 (1978) <i>Comment</i> : S. He (1.5-4.2 MeV) -> Ethylene, Polyethylene. Gas/solid stopping effects.	1978-Whil
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</i> : R, dR. 5-25 keV He -> Nb, Cu, Al, Be	1979-Abel
1979	Aframian, A. 'Dependence of the Stopping Power of Charged Particles in the Physical State of Organic Dielectric Compounds' <i>Appl. Phys.</i> , 19, 353-358 (1979) <i>Comment</i> : S. He, Ar, Kr (1-40 MeV/amu) -> Cell-Nitrate, Polyethylene, Polystyrene, Mylar, Melinex	1979-Afra
1979	Averback, R. S. Benedek, R. Merkle, K. L. Singer, L. R. 'The Determination of Electronic Stopping Powers of Light Ions in Metals from Damage-Rate Measurements' <i>J. Appl. Phys.</i> , 50, 1273-1278 (1979) <i>Comment</i> : S. 50-300 keV He, Li, C -> Ag	1979-Aver
1979	Besenbacher, F. Andersen, H. H. Hvelplund, P. Knudsen, H. 'Stopping Power of Swift Hydrogen and Helium Ions in Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> 40, 1-39 (1979) <i>Comment</i> : S. 40 keV-1 MeV H And 100 keV-2.4 MeV He -> H2, He, N2, O2, CO2, Ne, Ar, Kr, Xe	1979-Bese
1979	Brown, R. B. Powers, D. 'Measurements of the Molecular Stopping Cross-Sections of Organic Ring Compounds' <i>J. Appl. Phys.</i> , 50 (8), 5099-5104 (1979) <i>Comment</i> : S. He (0.3-2.0 MeV) -> Hydrocarbon gases	1979-Brow
1979	Cowern, N. E. B. 'Energy Straggling of Heavy Ions in Solids' <i>U.K. A. E. R. E., Rprt: R-9500 (1979)</i> <i>Comment</i> : dS. He, O (5-48 MeV) -> Al	1979-Cowe
1979	Dennis, J. A. Powers, D. 'The Dependence of Stopping Power on Physical and Chemical States' <i>Preprint (1979) 8</i> <i>Comment</i> : S. H, He -> Gases (Review Of Current Data)	1979-Denn
1979	Fenske, G. Das, S. K. Kaminsky, M. 'A Technique for Determining the Depth Distribution of Cavities in He+-Irradiated Nickel' <i>J. Nucl. Mater. Letters (1979)</i> <i>Comment</i> : R, dR. 500 keV He -> Ni	1979-Fens

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Fontell, A. Luomajarvi, M. 'Stopping Powers of Ag and Au for 0.3 - 2.0 MeV 4He Ions.' <i>Phys. Rev. B, 19, 159-162 (1979)</i> <i>Comment : S, dS. 0.3-2.0 MeV He -> Ag, Au</i>	1979-Font
1979	Gloeckler, G. Hsieh, K. C. 'Time-of-Flight Technique for Particle Identification at Energies 2-400 keV/amu' <i>Nucl. Inst. Methods, 165, 537-544 (1979)</i> <i>Comment : S, H, He, C, N, Ne, Ar (3-100 keV/amu) -> C</i>	1979-Gloe
1979	Jarvis, O. N. Sherwood, A. C. Whitehead, C. Lucas, M. W. 'Channeling of Fast Protons, Deuterons, and Alpha Particles' <i>Phys. Rev. B, 19, 5559-5577 (1979)</i> <i>Comment : S, R, dR. 160 keV He, 81.5 keV D, 158.5 keV H -> Si</i>	1979-Jarv
1979	Lewis, M. B. Packan, N. H. Wells, G. F. Buhl, R. A. 'Improved Techniques for Heavy-Ion Simulation of Neutron Radiation Damage' <i>Nucl. Inst. Methods, 167, 233-247, (1979)</i> <i>Comment : R, dR. 200-400 keV D, He -> Ni</i>	1979-Lewi
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
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
1979	Okuda, S. Kimura, T. Akimune, H. 'Depth Profiles of Implanted H and He in Metal Mo Determined with Backscattered Protons' <i>Jap. J. Appl. Phys., 18, 465-469 (1979).</i> <i>Comment : R, dR. 12 keV H3, 2 keV He -> Mo</i>	1979-Okud
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
1979	Risch, M. R. Roth, J. Scherzer, B. M. U. 'Dependence of Blister-'Deckeldicke' and of Depth Profiles of Implanted He Ions in Nb on Angle of Incidence' <i>J. Nucl. Mater., 82, 220-226 (1979)</i> <i>Comment : R, dR. 30, 100 keV 3He -> Nb</i>	1979-Risc

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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> <i>Comment : S. He (200-355 keV) -> C. Effects of target crystallization on stopping powers.</i>	1979-Sand
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> <i>Comment : S. 200-2000 keV He, Li, C, N, O -> C</i>	1979-Sant2
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> <i>Comment : S, dS. 3.138 MeV - 5.486 MeV He -> Be, C, Al, Si, Ni, Ag, Au</i>	1979-Sant3
1979	Seidman, D. 'The Study of Defects and Radiation Damage in Solids by Field-Ion and Atom-Probe Microscopy' <i>Preprint (1979) 12</i> <i>Comment : R,dR, 100-200 keV He -> W</i>	1979-Seid
1979	St-Jacques, R. G. Veilleux, G. Martel, J. G. Terreault, B. 'Helium Blistering of Niobium : Large Swelling Measurements Supporting the Gas Pressure Model' <i>Preprint (1979) 6</i> <i>Comment : R. 10-90 keV He -> Nb</i>	1979-St
1979	Varelas, C. 'Stopping Powers of Helium and Deuterium in Gold and Carbon' <i>Preprint (1979) 13</i> <i>Comment : S. 30-220 keV 2H, He -> Au, C</i>	1979-Vare
1979	Wagner, A. Seidman, D. N. 'Range Profiles of 300- and 475-eV 4He Ions and the Diffusivity of 4He in Tungsten' <i>Phys. Rev. Letters, 42, 515-518 (1979)</i> <i>Comment : R, dR. 0.3 And 0.475 keV 4He+ -> W</i>	1979-Wagn
1979	Whillock, M. J. Edwards, A. A. 'Determination of the Stopping Cross Sections of N, H, CH ₄ , C ₄ H ₁₀ and C ₃ H ₆ using Alpha Particles in the Range 1.3-4.2 MeV' <i>Phys. Med. Biol., 24, 518-524 (1979)</i> <i>Comment : S. He (1.3-4.2 MeV) -> N, H, CH₄, C₄H₁₀, C₃H₆</i>	1979-Whil
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

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Akhavan-Rezayat, A. Palmer, R. B. J. 'A Comparative Study of Two Methods for Measuring the Stopping Power of Liquids for Alpha Particles' <i>J. Phys. E</i> , 13, 877-881 (1980) <i>Comment</i> : S, He (2-7.5 MeV) -> H ₂ O, Alcohols (liquids)	1980-Akha
1980	Akhavan-Rezayat, A. Palmer, R. B. J. 'Range-Energy Relations and Stopping Powers of Organic Liquids and Vapours for Alpha Particles' <i>J. Phys. D: Appl. Phys.</i> , 13, 1971-1983 (1980) <i>Comment</i> : S, R, He (1.0-8.0 MeV) -> 5 Hydrocarbons (gases and liquids)	1980-Akha2
1980	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Losses and their Stragglings for H and He Ions with Energies of Several Hundreds of keV on Passage through Metal and Polystyrenen Films' <i>Sov. Phys., JETP</i> 51, 954 (1980) <i>Comment</i> : S, dS, H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene	1980-Bedn
1980	Besenbacher, F. Andersen, J. U. Bonderup, E. 'Stragglings in Energy Loss of Energetic Hydrogen and Helium Ions' <i>Nucl. Inst. Methods</i> , 168, 1 (1980) <i>Comment</i> : R, dR, 0-600 keV H, He -> Ar, Ne, Kr, Xe, Ni, Au, Ag, Al	1980-Bese
1980	Blume, R. Eckstein, W. Verbeek, H. 'Electronic Energy Loss of H, D, and He in Au Below 20 keV' <i>Nucl. Inst. Methods</i> , 168, 57-62 (1980) <i>Comment</i> : S, 2-20 keV H, D, He -> Au	1980-Blum
1980	Brunner, K. Hink, W. Roth, M. 'Stopping Power for H in Be(20-120 keV)' <i>Nucl. Inst. Methods</i> , 173, 357-362 (1980) <i>Comment</i> : S, H, He (20-120 keV) -> Be	1980-Brun2
1980	Fearick, R. W. Sellschop, J. P. F. 'Energy Loss of Light Ions in Diamonds' <i>Nucl. Inst. Methods</i> , 168, 51-55 (1980) <i>Comment</i> : S, dS, 2-24 MeV H, He, Li -> C	1980-Fear
1980	Friedland, E. Lombaard, J. M. 'Energy-Loss Stragglings of Al, Ni, and Au' <i>Nucl. Inst. Methods</i> , 168, 25-27 (1980) <i>Comment</i> : S, dS, .4-2.2 MeV He -> Al, Ni, Au	1980-Frie
1980	Heibei, J. Voges, E. 'Refractive Index of Ion-Implanted Fused Silica' <i>Phys. Stat. Sol. B</i> , 57, 609-618 (1980) <i>Comment</i> : R, dR, 100 keV He, Ar -> Si	1980-Heib

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Josquin, W. J. M. J. 'The Oxidation Characteristics of Nitrogen-Implanted Silicon' <i>Rad. Effects</i> , 47, 221-224, (1980) <i>Comment</i> : R, dR. 250-800 keV H, H2, He, B, P -> Si	1980-Josq
1980	Knudsen, H. Andersen, H. H. Martini, V. 'Hydrogen and Helium Stopping Powers of Rare-Earth Metals' <i>Nucl. Inst. Methods</i> , 168, 41-50 (1980) <i>Comment</i> : S, H, He (0.2-2.0 MeV) -> La, Ce, Pr, Gd, Dy, Ho, Er, Yb, Sn, Bi	1980-Knud
1980	Mertens, P. Krist, Th. 'Stopping Ratios of 50-300 keV Light Ions in Metals' <i>Nucl. Inst. Methods</i> , 168, 33-39 (1980) <i>Comment</i> : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au	1980-Mert
1980	Mukherji, S. Srivastava, B. K. 'Universal Range-Velocity and Stopping Power Equations for Fission Fragments and Partially Stripped Heavy Ions in Solid Media' <i>Phys. Rev. B</i> , 9, 3708-3719 (1980) <i>Comment</i> : S, dS. 34.2 MeV He -> U-Pd	1980-Mukh
1980	Nguyen, V. D. Chemtob, M. Chary, J. Posny, F. Parmentier, N. 'Recent Experimental Results on W-Values (Average Energy Loss per Ion Pair) for Heavy Particles' <i>Phys. Med. Biol.</i> , 25 (3), 509-518 (1980) <i>Comment</i> : S, H, He, C, N, O, Ar (25-375 keV) -> CH4, CO2, N2 (ionization chamber)	1980-Nguy
1980	Oberlin, J. C. Amokrane, A. Beaumevielille, H. Chalony, Y. Perrier, R. 'Energy Loss and Stragglng of 0.25-2.8 MeV He Ions in Gadolinium' <i>Rad. Effects</i> , 46, 249-254 (1980) <i>Comment</i> : S, He (.25-2.8 MeV) -> Gd	1980-Ober
1980	Oetzmann, H. Kalbitzer, S. 'He4-Stopping Power Measurements by using Ion Implantation and Backscattering Techniques' <i>Rad. Effects</i> , 47, 73-80 (1980) <i>Comment</i> : S, dS. 0-1E5 keV He -> C, Si, Ge	1980-Oetz
1980	Palmer, R. B. J. Akhavan-Rezayat, A. 'The Stopping Power of Liquids and Vapours for Alpha Particles' <i>Proc. 7th Sym. Microdosimetry, EurAtom Rpt. 7147</i> , 221-230 (1980) <i>Comment</i> : S, He (1.0-8.0 MeV) -> H2O, Alcohols, Hydrocarbons. Stopping in gases and liquids.	1980-Palm
1980	Powers, D. 'Influence of Molecular Structure on Stopping Powers of Chemical Species for He+ Ions from a Low Energy Particle Accelerator' <i>Accounts Chem. Res.</i> , 13 (12), 433-440 (1980) <i>Comment</i> : S, He (0.3-2.0 MeV) -> compounds (review)	1980-Powe

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1980	Powers, D. Olson, H. G. 'Determination of S-O Bond Order in Sulfur Dioxide and DiMethyl Sulfite using a Low Energy Particle Accelerator Technique' <i>J. Chem. Phys.</i> , 73 (5), 2271-2279 (1980) <i>Comment</i> : S. He (0.3-2000 keV) -> SO ₂ , (CH ₃ O) ₂ SO	1980-Powe2
1980	Reid, I. Scanlon, P. J. 'High Stopping Power of Thin Gold Films' <i>Nucl. Inst. Methods</i> , 170, 211 (1980) <i>Comment</i> : S. 140-1000 keV/amu H, 32-500 keV/amu He -> Au	1980-Reid
1980	Ross, G. Terreault, B. 'High Precision Depthprofiling of Light Isotopes in Low Atomic Mass Solids' <i>Preprint (1980) 3</i> <i>Comment</i> : R, dR. 5 keV He -> Be	1980-Ross
1980	Santry, D. C. Werner, R. D. 'Stopping Power Values of Ti, Ni, Ag and Au for 4He Ions' <i>Nucl. Inst. Methods</i> , 178, 531-537 (1980) <i>Comment</i> : S. He (0.2-2.0 MeV) -> Ti, Ni, Ag, Au	1980-Sant
1980	Santry, D. C. Werner, R. D. 'Stopping Power Values of Be, C, Al and Si for 4He Ions' <i>Nucl. Inst. Methods</i> , 178, 523-530 (1980) <i>Comment</i> : S. He (0.2-2.0 MeV) -> Be, C, Al, Si	1980-Sant2
1980	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods</i> , 170, 221-225 (1980) <i>Comment</i> : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al	1980-Sofi
1980	St-Jacques, R. G. Veilleux, G. Terreault, B. 'Correlation of Swelling with Local Gas Concentration in Helium Irradiated Niobium' <i>Nucl. Inst. Methods</i> , (1980) <i>Comment</i> : R, dR. 20 keV 4He -> Mb	1980-St
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</i> : R, dR. 20 keV He -> Be, Cu, Nb	1980-Terr
1980	Thompson, D. A. Poehlman, W. F. S. 'Stopping Powers and Backscattering Charge Fractions for 20-150 keV H ⁺ and He ⁺ on Gold' <i>Nucl. Inst. Methods</i> , 168, 63-69 (1980) <i>Comment</i> : S, dA. 20-150 keV H, He -> Au	1980-Thom

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Thwaites, D. I. 'Stopping Cross Sections of Various Gases for Alpha Particles in the Energy Region 0.2-5.5 MeV' <i>Phys. Med. Biol.</i> , 25 (5), 865-875 (1980) Comment : S. He (0.2-5.5 MeV) -> He, N, Ar, CH ₄ , Air	1980-Thwa
1980	Thwaites, D. I. Watt, D. E. Yeung, T. K. 'Energy Loss Studies for Low Energy Heavy Charged Particles' <i>Proc. 7th Sym. Microdosimetry, EurAtom/Harwood Academic Pub.</i> , 1, 243-255 (1980) Comment : S. He (0.3-5.48 MeV) -> H ₂ O (gas and liquid)	1980-Thwa2
1981	Amano, J. Wagner, A. Seidman, D. N. 'Range Profiles of Low-Energy (100-1500eV) Implanted He-3 and He-4 Atoms in Tungsten - Analysis and Discussion' <i>Phil. Mag. A</i> , 44, 199-200 (1981) Comment : R. He ₃ , He ₄ (0.1-1.5 keV) -> W	1981-Aman
1981	Amano, J. Wagner, A. Seidman, D. N. 'Range Profiles of Low-Energy (100-1500eV) Implanted He-3 and He-4 Atoms in Tungsten - Experimental Results' <i>Phil. Mag. A</i> , 44, 177-198 (1981) Comment : R. He ₃ , He ₄ (0.1-1.5 keV) -> W	1981-Aman2
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</i> , 68, 187 (1981) Comment : S, dS, H, He (70-1200 keV) -> Al, C, Polystyrene	1981-Bedn
1981	Besenbacher, F. Bottiger, J. Graverson, O. Hansen, J. Sorensen, H. 'Stopping Power of Solid Argon for Helium Ions' <i>Nucl. Inst. Methods</i> , 188, 657-667 (1981) Comment : S. He (0.5-2.8 MeV) -> Ar solid / gas	1981-Bese2
1981	Fukuda, A. 'Stopping Powers in Rare Gases for 40-200 keV Rare-Gas Ions' <i>J. Phys. B, Atom. and Molec. Phys.</i> , 14, 4533-4544 (1981) Comment : S. He, Ne, Ar, Kr (40-200 keV) -> He, Ne, Ar, Kr, Xe (Note: stopping for ions of zero deflection)	1981-Fuku
1981	Fukuda, A. 'Stopping Powers of a Tissue Equivalent Gas for 40-200 keV He and N' <i>Phys., Med. Biol.</i> , 26, 623-632 (1981) Comment : S. He, N (40-200 keV) -> Tissue equivalent gas.	1981-Fuku2
1981	Oberlin, J. C. Amokrane, A. Beaumevieuille, H. Stoquert, J. P. 'Energy Straggling of Helium Ions in Aluminium' <i>IEEE Trans. Nucl. Sci.</i> , NS-28, 1225-1226 (1981) Comment : dS. He ₃ (0.1-2.3 MeV) -> Al	1981-Ober

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1981	Olson, H. G. Powers, D. 'Measurement of Molecular Stopping Cross-sections of Vaporous Sulfur Compounds and Calculation of the Atomic Stopping Cross Section of Sulfur' <i>J. Appl. Phys.</i> , 52, 564 - 570 (1981) <i>Comment</i> : S. He (0.3-2.0 MeV) -> Sulfur compounds	1981-Olso
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.</i> , 52, 5056 (1981) <i>Comment</i> : S. H, He (20-150 keV) -> C, Si, Au	1981-Pear
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</i> , 185, 517-521 (1981) <i>Comment</i> : S. He3 (200-2000 keV) -> C, Al, Si, Ni, Ag, Au	1981-Sant2
1981	Thompson, D. A. Poehlman, W. B. S. Presunka, P. Davies, J. A. 'Stopping Powers for 20-140 keV H and He on Ni, Ag and Au' <i>Nucl. Inst. Methods</i> , 191, 469 (1981) <i>Comment</i> : S. H, He (20-140 keV) -> Ni, Ag, Au	1981-Thom
1981	Thwaites, D. I. 'Stopping Cross Sections of Liquid Water and Water Vapour for Alpha Particles within the Energy Region 0.3-5.5 MeV' <i>Phys. Med. Biol.</i> , 26 (1), 71-80 (1981) <i>Comment</i> : S. He (0.3-5.5 MeV) -> H2O (liquid and gas)	1981-Thwa
1981	Thwaites, D. I. Watt, D. E. Yeung, T. K. 'Stopping Powers for Neutron Dosimetry' <i>Proc.4th Sym. on Neutron Dosimetry, EurAtom Rpt. 7448, 1, 291-303 (1981)</i> <i>Comment</i> : S. He (0.3-5.4 MeV) -> CH4, C2H4, C3H6, C4H10 (gases)	1981-Thwa2
1981	Trehan, P. N. Armitage, B. H. 'The Energy Loss of 4He Ions in Solid Compounds' <i>Nucl. Inst. Methods</i> , 179, 21-26 (1981) <i>Comment</i> : S. He (1.2-2.6 MeV) -> WO3, BaF2, BaCl2	1981-Treh
1982	Blume, R. Eckstein, W. Verbeek, H. Reichelt, K. 'Electronic Energy Loss of H, D. and He in Single Crystal Gold Films in the Energy Range below 15 keV' <i>Nucl. Inst. Methods</i> , 194, 67 (1982) <i>Comment</i> : S. H, D, He (0.6-15 keV) -> Ag (crystal)	1982-Blum
1982	Fukuda, A. 'Stopping Powers of H2, O2, C2H4 for 40-200 keV He and N Ions' <i>Phys. Med. Biol.</i> , 27 (1), 73-39 (1982) <i>Comment</i> : S. He, N (40-200 keV) -> H, O, C2H4 (gases)	1982-Fuku

Citations for Ion : He

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-Kreu
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
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
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
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
1982	Nagata, K. Kikuchi, J. Doke, T. Gruhn, C. R. 'Deposited Energy Losses of High Energy Heavy Ions in Thin Gas Layers' <i>Nucl. Inst. Methods, 196, 41 (1982)</i> <i>Comment : S. He (40 MeV/amu) -> Ar (P-5 mixture)</i>	1982-Naga
1982	Oberlin, J. C. Amokrane, A. Beaumevieille, H. Stoquert, J. P. 'Stopping Power and Straggling of 0.2 - 2.0 MeV Protons and 0.3-3.1 MeV ^4He Ions in Erbium' <i>J. Physique, 43, 485-491 (1982)</i> <i>Comment : S, dS. H, He (.2-3.1 MeV) -> Er</i>	1982-Ober
1982	Porter, L. E. Thwaites, D. I. 'Physical State Effects on the Mean Excitation Energy of Water as Determined from Alpha Particle Stopping Power Measurements' <i>Phys. Rev. A, 25 (6), 3407-3410 (1982)</i> <i>Comment : S. He (2.0-5.5 MeV) -> H₂O (liquid and gas)</i>	1982-Port
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

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Stoquert, J. P. Abdesselam, A. Beaumevieille, H. Boudouma, Y. Oberlin, J. C. 'Alpha Particle Stopping Cross Sections of Cu and Au at Energies below 3 MeV' <i>Nucl. Inst. Methods, 194, 51 (1982)</i> <i>Comment : S. He (500-3000 keV) -> Cu, Au</i>	1982-Stoq
1982	Thwaites, D. I. 'Stopping Cross Sections of CH ₄ , C ₂ H ₄ , C ₃ H ₆ and C ₄ H ₁₀ for Alpha Particles in the Energy Region 0.3-5.5 MeV' <i>Phys. Med. Biol., 27 (4), 565-571 (1982)</i> <i>Comment : S.He (0.3-5.5 MeV) -> CH₄, C₂H₄, C₃H₆, C₄H₁₀</i>	1982-Thwa
1982	Thwaites, D. I. 'Molecular Stopping Cross-Sections of Hydrocarbons for Alpha Particles' <i>Proc. 8th Sym. Microdosimetry, EurAtom Rpt. 8395, 291-300 (1982)</i> <i>Comment : S. He (1-5 MeV) -> 11 Hydrocarbon Gases</i>	1982-Thwa2
1983	Alberts, H. W. Malherbe, J. B. 'Energy Loss and Straggling of p, d, and Alpha Particles in Au in the Energy Region 0.2-2.4 MeV' <i>Rad. Effects, 69, 231 (1983)</i> <i>Comment : S., dS. H, D, He (0.2-2.4 MeV) -> Au</i>	1983-Albe
1983	Baumgart, H. Berg, H. Huttel, E. Pfaff, E. Reiter, G. 'He ₄ Stopping Cross Sections in H ₂ , He, N ₂ , O ₂ , Ne, Ar, Kr, Xe, CH ₄ and CO ₂ ' <i>Nucl. Inst. Methods, 215, 319-328 (1983)</i> <i>Comment : S. He (0.1-1.2 MeV) -> H₂, He, N₂, O₂, Ne, Ar, Kr, Xe, CH₄ and CO₂</i>	1983-Baum3
1983	Conradie, J. Lombaard, J. Friedland, E. 'Energy Loss and Straggling of Hydrogen and Helium Ions in Selenium' <i>Nucl. Inst. Methods, 205, 359-363 (1983)</i> <i>Comment : S. H, He (0.3-2.5 MeV) -> Se</i>	1983-Conr
1983	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Z ₂ Stopping Power Oscillations as Derived from Range Measurements' <i>Nucl. Inst. Methods, 218, 817-820 (1983)</i> <i>Comment : S, R. He, Li, B, N (50-1500 keV) -> Various Metals (V to Bi)</i>	1983-Fink
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
1983	Lombaard, J. Conradie, J. Friedland, E. 'Energy Loss and Straggling of Hydrogen and Helium Ions in Silver' <i>Nucl. Inst. Methods, 216, 293 (1983)</i> <i>Comment : S, dS. H, He (0.14-3.2 MeV) -> Ag</i>	1983-Lomb

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	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
1983	Takahashi, T. Awaya, Y. Tonuma, T. Kumagai, H. Izumo, K. 'Stopping Power of Ni, Ag, Au and Pb for about 7 MeV/amu Alpha Particles and Carbon Ions: Z1*3 Deviation from the Bethe Formula' <i>Phys. Rev. A, 27 (3), 1360-1364 (1983)</i> <i>Comment : S. He, C (7 MeV) -> Ni, Ag, Au, Pb</i>	1983-Taka
1984	Adesida, I. Karapiperis, L. 'The Range of Light Ions in Polymeric Resists' <i>J. Appl. Phys., 56 (6), 1801-1807 (1984)</i> <i>Comment : R, dR. H, He, Li, Be, B, C (5-300 keV) -> PMMA photoresist</i>	1984-Ades
1984	Baumgart, H. Arnold, W. Gunzl, J. Huttel, E. Hofmann, A. 'Proton and Helium Stopping Cross Sections in Gaseous Hydrocarbon Compounds' <i>Nucl. Inst. Methods, B5, 1-9 (1984)</i> <i>Comment : S. H, He (60-1050 keV) -> Various hydrocarbon gases</i>	1984-Baum
1984	Baumgart, H. Berg, G. Huttel, E. Praff, E. Reiter, G. 'Proton and Helium Stopping Cross Sections in Cl2 and Br2' <i>Nucl. Inst. Methods, B2, 145-148 (1984)</i> <i>Comment : S. H, He (50-1000 keV) -> Cl, Br (gases)</i>	1984-Baum2
1984	Clouvas, A. Gaillard, M. J. De Pinho, A. G. Poizat, J. C. Rimillieux, J. 'Nonequilibrium Effects in the Energy Loss of He Beams in Very Thin Carbon Foils' <i>Phys. Letters, 103A, 419 (1984)</i> <i>Comment : S. He (1.5-2.4 MeV) -> C (charge state effects)</i>	1984-Clou
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
1984	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
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

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1984	Haight, R. C. Vonach, H. K. 'Alpha Particle Stopping Power for Titanium and Vanadium' <i>Nucl. Inst. Methods, B1, 9 (1984)</i> <i>Comment : S. He (5.25-12 MeV) -> Ti, V</i>	1984-Haig
1984	Howe, M. Takami, Y. Shiraishi, F. Tomura, K. 'Stopping Power Measurement Using Thick Alpha Sources' <i>Nucl. Inst. Methods, A233, 377 (1984)</i> <i>Comment : S. He (0.2-4 MeV) -> Al2O3, UO2, Fe3O4, CoO2, NiO2</i>	1984-Howo
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
1984	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
1984	Powers, D. Olson, H. G. Gowda, R. 'Molecular Stopping Powers and Effect of Chemical Bonding in Gaseous Amine Compounds' <i>J. Appl. Phys., 55 (5), 1274-1277 (1984)</i> <i>Comment : S. He (0.3-2.0 MeV) -> Amine compounds (gases)</i>	1984-Powe
1984	Rechenmann, R. Wittendorp, E. Senger, B. 'Strong Ionizing Events Distributed Along Medium Energy Alpha Particle Tracks Recorded in Nuclear Emulsion' <i>Nucl. Inst. Methods, B2, 191-194 (1984)</i> <i>Comment : S. He (4-13.6 MeV) -> Tracking emulsion</i>	1984-Rech
1984	Rezvani, M. Watt, D. E. 'Extrapolated Ranges and Stopping Cross-Sections for Alpha Particles (0.4-5.5 MeV in Normal and Cyclo-Hydrocarbons. 1: Gases and Vapours' <i>Phys. Med. Biol., 29, 811-827 (1984)</i> <i>Comment : S,R. He (0.4-5.5MeV) -> hydrocarbon gases and vapors.</i>	1984-Rezv
1984	Sampietri, C. Verga, A. Dierckx, R. Kley, W. Sangiust, V. 'Angular Distributions during the Stopping of Alpha's in Aluminum' <i>Eur. Appl. Res. Rep. Nucl. Sci Tech., Sect. 5, 677 (1984)</i> <i>Comment : S,dS. He(1.0-5.4 MeV) -> Al. Angular distribution of stopping and straggling.</i>	1984-Samp

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	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
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
1985	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. 'Study of the Stopping Power and Straggling for Alpha Particles and Protons in Organic Solids, Liquids and Gases' <i>Rad. Prot. Dosimetry, 13, 71-74 (1985)</i> <i>Comment : S,dS. H, He (.1-5.5 MeV) -> H2O, methanol, ethanol, propanol, styrene, and polymers. Targets measured in Solid/Liquid/Gas phases.</i>	1985-Haqa
1985	Kuldeep Jain, A. K. 'Stopping Cross Sections of He Ions in Bismuth' <i>Nucl. Inst. Methods, B9, 259-262(1985)</i> <i>Comment : S. He (1.6-3.4 MeV) -> Bi, Cu</i>	1985-Kuld
1986	Bednyakov, A. A.. Chumanov, V. Y. Chumanova, O. V. Iferov, G. A. Khodyrev, V. A. 'Dependence of Energy Loss of light Ions in Au on Scattering Angle and Target Thickness in the Energy Interval 25-500 keV/amu' <i>Nucl. Inst. Methods, B13, 146 (1986)</i> <i>Comment : S. H, He (40-500 keV) -> Au (angular dependence, target thickness)</i>	1986-Bedn
1986	Biersack, J. P. Fink, D. Miekeley, W. Tjan, K. '1-3 MeV Alpha and Triton Stopping Powers in LiF and Li Alloys' <i>Nucl. Inst. Methods, B15, 96-100 (1986)</i> <i>Comment : S. T, He (1-2.7 MeV) -> LiF, Li alloys</i>	1986-Bier
1986	Gnaser, H. Bay, H. L. Hofer, W. 'Depth Distributions of Low Energy He Implanted in Solids' <i>Nucl. Inst. Methods, B15, 49-53 (1986)</i> <i>Comment : R, dR. He (0.25-80 keV) -> Si</i>	1986-Gnas
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

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1986	Kuldeep Jain, A. K. 'Stopping Cross Sections of He Ions in the Metallic Glass Fe(82)B(18)' <i>Nucl. Inst. Methods, B15, 101-104 (1986)</i> <i>Comment : S. He (1.6-3.4 MeV) -> FeB alloys</i>	1986-Kuld
1986	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
1986	Rechenmann, R. V. Senger, B. Sanders, J. B. Wittendorp, E. 'Recent Developments in the Study of Strong Ionizing Events distributed along alpha-Particle Tracks (E< 13.6 MeV) Recorded in Dense Media' <i>Nucl. Inst. Methods, B13, 141-145 (1986)</i> <i>Comment : S. He (1-13.6 MeV) -> Emul.</i>	1986-Rech
1986	Santry, D. C. Werner, R. D. 'Energy Loss of He Ions in Al ₂ O ₃ and SiO ₂ ' <i>Nucl. Inst. Methods, B14, 169-172 (1986)</i> <i>Comment : S. He(0.2-5.8 MeV) -> Al₂O₃, SiO₂, Al</i>	1986-Sant
1987	Alberts, H. W. 'Stopping Power and Stragglings of Energetic Light Ion Beams in Yttrium' <i>Rad. Effects, 102, 23-29 (1987)</i> <i>Comment : S. H, D, He (0.15-2.5 MeV) -> Y</i>	1987-Albe
1987	Barros Leite, C. V. Baptista, G. B. Patnaik, B. K. 'Recent Relative Stopping Power Measurements by Monoenergetic Methods' <i>Nucl. Inst. Methods, B24/25, 343 (1987)</i> <i>Comment : S. He (0.3-2.6 MeV) -> Al</i>	1987-Barr
1987	Fink, D. Biersack, J. P. Stadelé, 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
1987	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
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> <i>Comment : S. He (1.2-1.8 MeV) -> Cu, Ag, CuAg Alloys.</i>	1987-Hari

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Hautala, M. Anttila, A. Hirvonen, J. 'Range and Damage Distributions of Low Energy He Ions in alpha-Fe and Mo' <i>Nucl. Inst. Methods, B19/20, 50-54 (1987)</i> <i>Comment : R, dR. He (5-60 keV) -> Mo, alpha-Fe</i>	1987-Haut
1987	Lee, S. R. Hart, R. R. 'Stopping Power Measurements of 20-180 keV 1H and 4He in Indium Phosphide using Thick Target Backscattering' <i>Nucl. Inst. Methods, B28, 470-480 (1987)</i> <i>Comment : S. H, He (20-180 keV) -> InP</i>	1987-Lee
1987	Rauhala, E. Raisanen, J. 'Energy Loss of 1.3-2.6 MeV 4He Ions in Havar, Nickel, Kapton and Mylar Foils' <i>Nucl. Inst. Methods, B24/25, 362-365 (1987)</i> <i>Comment : S. He (1.3-2.6 MeV) -> Ni, Havar, Kapton, Mylar</i>	1987-Rauh
1987	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
1987	Reiter, G. Baumgart, H. Kniest, N. Pfaff, E. Clausnitzer, G. 'Proton and Helium Stopping Cross-Sections in N2, O2, NO and N2O' <i>Nucl. Inst. Methods, B27, 287-292 (1987)</i> <i>Comment : S. H, He (50-3000 keV) -> N, O, N2O, NO</i>	1987-Reit
1988	Eppacher, C. Semrad, D. 'Determination of Stopping Power for Ions by Backscattering from Thin Targets' <i>Nucl. Inst. Methods, B35, 109 (1988)</i> <i>Comment : S. He (90-500 keV) -> Al</i>	1988-Eppa
1988	Lewic, M. B. Allen, W. R. 'Range Distributions of 200 keV Helium in Selected Metals and Ceramics' <i>Nucl. Inst. Methods, B35, 10-16 (1988)</i> <i>Comment : R, dR. He (200 keV)-> Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i>	1988-Lewi
1988	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the Z1*3 Correction and the Values of Mean Excitation Potential for 21 Metallic Elements' <i>Nucl. Inst. Methods, B33, 158 (1988)</i> <i>Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	1988-Saka
1988	Wilson, R. G. '(111) Random and (110) Channeling Implantation Profiles and Range Parameters in HgCdTe' <i>J. Appl. Phys., 63, 5302-5311 (1988)</i> <i>Comment : R, dR. 45 Ions (H to Ta) at 100-700 keV -> HgCdTe</i>	1988-Wils

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1988	Wilson, R. G. 'Ion Implantation and SIMS Profiling of Impurities in II-VI Materials HgCdTe and CdTe' <i>J. Crystal Growth</i> , 86, 735-743 (1988) <i>Comment</i> : R, dR. 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe	1988-Wils2
1988	Yamaguchi, S. Takahiro, K. Nakajima, H. Fujino, Y. Sagara, S. 'Energy Loss of He Ions in H-Implanted Materials' <i>Nucl. Inst. Methods</i> , B33, 163-167 (1988) <i>Comment</i> : S. He (1.5 MeV) -> Be, Si, Al (doped with H)	1988-Yama
1989	Borgesen, P. Lilienfeld, D. A. 'Stopping Cross Sections for RBS Analysis of High-Tc Superconductors' <i>Nucl. Inst. Methods</i> , B36, 1-6 (1989) <i>Comment</i> : S. He (0.6-5.14 MeV) -> Y, Ba, Cu, YBa ₂ Cu ₃ O ₇	1989-Borg
1989	Kiss, A. Z. Somorjai, E. Raisanen, J. Rauhala, E. 'Stopping Powers of 1.5-7.2 MeV He-4 Ions in Havar, Nickel, Kapton and Mylar' <i>Nucl. Inst. Methods</i> , B39, 15-17 (1989) <i>Comment</i> : S. He (1.5-7.2 MeV) -> Havar, Ni, Kapton, Mylar	1989-Kiss
1990	Iferov, G. A. Zhukova, Y. N. Chumanov, V. Y. Chumanova, O. V. 'The Angular Dependence of the Energy Loss of Helium Ions in an Au Foil' <i>Nucl. Inst. Methods</i> , B48, 43-46 (1990) <i>Comment</i> : S. He (0.2-1.0 MeV) -> Au	1990-Ifer
1990	Reiter, G. Kniest, N. Pfaff, E. Clausnitzer, G. 'Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH ₄ ' <i>Nucl. Inst. Methods</i> , B44, 399-411 (1990) <i>Comment</i> : S. H, He (0.7-3.0 MeV) -> H, He, N, O, Ne, Ar, Kr, Xe, CH ₄	1990-Reit
1990	Reiter, G. Pfaff, E. Clausnitzer, G. 'Proton and Helium Stopping Cross Sections in Halogenated Hydrocarbon Compounds' <i>Nucl. Inst. Methods</i> , B51, 320-329 (1990) <i>Comment</i> : S. H, He (0.05-3.0 MeV) -> HC Compounds	1990-Reit2
1990	Semrad, D. Eppacher, C. Tober, R. Eppacher, C. 'The Stopping Power of Ag and Au with regard to Higher Order Z ₁ Effects' <i>Nucl. Inst. Methods</i> , B48, 79 (1990) <i>Comment</i> : S. H, D, He, Li, C (20-700 keV) -> Ag, Au	1990-Semr
1990	Takahiro, K. Nishiyama, F. Yamasaki, T. Osaka, Y. Yamaguchi, S. 'Energy Loss of He-4 Ions in Mylar, Kapton and a-C:H' <i>Nucl. Inst. Methods</i> , B52, 117-120 (1990) <i>Comment</i> : S. He (0.5-2.0 MeV) -> Mylar, Kapton, a-C:H	1990-Taka

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1991	Haque, A. K. M. M. Nikjoo, H. 'Stopping Power for Alpha Particles in Organic Liquids and Vapours' <i>Nucl. Inst. Methods, B53, 15-23 (1991)</i> <i>Comment : S. He (0.5-5.5 MeV) -> H2O, methanol, ethanal, other organic compounds. Stopping in liquid and Vapor states.</i>	1991-Haqu
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
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
1991	Raisanen, J. Rauhala, E. Bjornberg, M. Kiss, A. Z. Dominguez, J. 'Stopping Powers of Al and Sn for He, Li, B, C, N and O Ions in the Energy Range 0.5-2.6 MeV/amu' <i>Rad. Effects, 118 (2), 97-103 (1991)</i> <i>Comment : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn</i>	1991-Rais
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
1992	Eppacher, C. Semrad, D. 'The Effective Charge of He Ions in Metals' <i>Nucl. Inst. Methods, B67, 138-141 (1992)</i> <i>Comment : S. H, He (1-2.5 Vo) -> Ge, Sn and Pb</i>	1992-Eppa
1992	Eppacher, Ch. Semrad, D. 'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties' <i>Nucl. Inst. Methods, B69, 33-38 (1992)</i> <i>Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb</i>	1992-Eppa2
1992	Golser, R. Semrad, D. 'Energy Loss of Hydrogen and Helium Ions in Hydrogen and Helium Gas: Looking for Exceptions from Velocity Proportionality' <i>Nucl. Inst. Methods, B69, 18-21 (1992)</i> <i>Comment : S. H, D, He (2-20 keV/amu) -> H, He</i>	1992-Gols3

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1992	Rauhala, E. Raisanen, J. Fulop, Zs. Kiss, A. Z. Hunyadi, I. 'Slowing Down of Light Ions in LR-115 Nuclear Track Material' <i>Nucl. Tracks Rad. Meas. (UK), 20, 611-614 (1992)</i> <i>Comment : S. H, He, Li, B, C, N, O (0.3-4.3 MeV/amu) -> LR-115 (nuclear track material)</i>	1992-Rauh
1993	Huang, X. Lu, X. Jin, C. Zhou, C. Ye, Y. 'Stopping Power of Au and Ag for He Ions' <i>Chinese Phys. Letters, 10, 205-208 (1993)</i> <i>Comment : S. He (0.45-5.0 MeV) -> Au, Ag</i>	1993-Huan
1993	Mikheev, S. Ryzhov, Y. Shkarban, I. Yurasova, V. 'Inelastic Losses of Low Energy Ions Transmitted through Thin Films' <i>Nucl. Inst. Methods, B78, 86-90 (1993)</i> <i>Comment : S. He, Ne, Ar (1-10 keV) -> C, Ca, Ag and Ni</i>	1993-Mikh
1993	Narumi, K. Fujii, Y. Kishine, K. Fujiwara, S. Kimura, K. 'Energy Losses of 12-32 keV H, He and N Ions at Glancing Angle Scattering from Clean Surfaces of Silicon Crystals' <i>J. Phys. Soc. Jap., 62, 1603-1611 (1993)</i> <i>Comment : S. H, He, N (12-32 keV) -> Si Surface scattering effects</i>	1993-Naru
1993	Nieman, D. Oberschachtsiek, P. Kalbitzer, S. Zeindl, H. P. 'Energy Loss and Stragglng of MeV He-4 Ions in a Si/Sb Multilayer Target' <i>Nucl. Inst. Methods, B80/81, 37-40 (1993)</i> <i>Comment : S, dS. He (0.1-4.0 MeV) -> Si/Sb Layers</i>	1993-Niem
1993	Novkovic, D. Subotic, K. Milosevic, Z. Manic, S. Stojanovic, M. 'Alpha Particle Energy Stragglng Measurements in Nobel Gases' <i>J. Moscow Phys. Soc. (UK), 3, 215-220 (1993)</i> <i>Comment : dS. He(8.8 MeV) -> He, Ne, Ar, Kr, Xe</i>	1993-Novk
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
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
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

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Hetherington, D. W. 'Measuring the Stopping Power for Alpha Particles Channeled in InP' <i>Nucl. Inst. Methods, B90, 84-87 (1994)</i> <i>Comment : S. He (2.5 MeV) -> InP (channeled)</i>	1994-Heth
1994	Jin, H. Lu, X. Huang, X. Ye, Y. Xia, Z. 'Energy Loss and Stopping Power of He Ions in Mylar Foils' <i>Chinese Phys. Letters, 11, 200-202 (1994)</i> <i>Comment : S. He -> Mylar</i>	1994-Jin
1994	Kido, Y. Ikeda, A. Yamamoto, Y. Nakata, J. Yamaguchi, H. 'Impact Parameter Dependent Stopping Powers for Axially Channeled and Semi-Channeled MeV He Ions in GaAs:Er' <i>Phys. Rev. B, 49, 14387-14396 (1994)</i> <i>Comment : S. He (2 MeV) -> GaAs Channeling Effects</i>	1994-Kido
1994	LeBlanc, L. Ross, G. G. 'Measurement of the Stopping Powers of He and H Ions near their Maximum Values by RBS from a Multilayer Target' <i>Nucl. Inst. Methods, B90, 54-57 (1994)</i> <i>Comment : S. He (100-350 keV) -> Mg</i>	1994-LeBl
1994	Nickel, F. Folger, H. Geissel, H. Jager, E. Marx, D. 'Energy Loss Differences of Alpha Particles in Ferromagnetic and Paramagnetic Solids' <i>Nucl. Inst. Methods, B90, 20-23 (1994)</i> <i>Comment : S. He (5-6 MeV) -> Fe and Gd magnetic materials</i>	1994-Nick
1994	Porter, L.E. Rauhala, E. Raisanen, J. 'Effects of Sample Preparation on the Stopping Powers of Havar for Protons and Alpha Particles' <i>Phys. Rev. B, 49, 11543-11549 (1994)</i> <i>Comment : S. H, He (0.5-1.8 MeV) -> Havar</i>	1994-Port4
1994	Raisanen, J. Rauhala, E. 'Ranges of 1.0-2.7 MeV H and He Ions in GaAs' <i>Nucl. Inst. Methods, B93, 1-4 (1994)</i> <i>Comment : R. H, He (1.0-2.7 MeV) -> GaAs</i>	1994-Rais
1994	Raisanen, J. Rauhala, E. Fulop, Z. Kiss, A. Z. Somorjai, E. 'Stopping Powers of CR-39 Nuclear Track Material for Z=1-14 Ions with 0.25-2.8 MeV/amu' <i>Rad. Meas. (UK), 23, 749-752 (1994)</i> <i>Comment : S. Z=1-14 (0.25-2.8 MeV/amu) -> CR-39</i>	1994-Rais2
1994	Wallace, W. E. Rathman, J. B. Composto, R. J. 'The Stopping Power of 1-3 MeV H and He in Polystyrene' <i>Nucl. Inst. Methods, B84, 1-4 (1994)</i> <i>Comment : S. H, He (1-3 MeV) -> Polystyrene</i>	1994-Wall2

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Abel, F. Quillet, V. Schott, M. 'Degradation of Polystyrene Thin Films under D, He and C Irradiation, Studied by Ion Beam Analysis: Effects of Energy Loss, Sample Thickness and Isotopic Content' <i>Nucl. Inst. Methods, B105, 86-90 (1995)</i> <i>Comment : S. H, D, He, C (150-2500 keV) -> Polystyrene (</i>	1995-Abel
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
1995	Byun, S. H. Bak, H. I. 'Measurement of the Stopping Cross Section of Au for 0.2-1.8 MeV He Ions from the Energy Width of the Rutherford Backscattering Spectrum' <i>Sae Mulli (Korea), 35, 689-693 (1995)</i> <i>Comment : S. He (0.2-1.8 MeV) -> Au</i>	1995-Byun
1995	Dos Santos, J. H. R. Grande, P. L. Boudinov, H. Behar, M. Stoll, R. 'Electronic Stopping Power of <100> Axial Channelled He Ions in Si Crystals' <i>Nucl. Inst. Methods, B106, 51-54 (1995)</i> <i>Comment : S. He (0.2-4.5 MeV) -> Si</i>	1995-Dos
1995	Hae-Il-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
1995	Khawaja, E. E. Durrani, S. M. A. Hallak, A. B. Daous, M. A. 'Measurements of Absolute Stopping Cross Sections by Backscattering in Thin Dielectric Films' <i>Nucl. Inst. Methods, B95, 153-157 (1995)</i> <i>Comment : S. He (0.6-1.8 MeV) -> ZnSe, ZnS, Ge, TiO2, MoO3</i>	1995-Khaw
1995	LeBlanc, L. Ross, G. G. Wallace, W. E. 'Measured Stopping Powers of Hydrogen and Helium in Polystyrene near their Maximum Values' <i>Nucl. Inst. Methods, 95, 457-462 (1995)</i> <i>Comment : S. H, He (.04 - 300 keV/amu) -> Polystyrene</i>	1995-LeBl
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., 18, 711-716 (1995)</i> <i>Comment : S. He (.2-2 MeV) -> C, Ni</i>	1995-Shao

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Shi, B. Wang, K. Wang, Z. Lu, X. Meng, X. 'The Measurement of Stopping Power Ratio in Oxides by O(alpha,alpha)O Nuclear Reaction for Channelling He Ions' <i>Nucl. Inst. Methods, B100, 17-21 (1995)</i> <i>Comment : S. He (3.045 MeV) -> Various Oxides</i>	1995-Shi
1997	Soo-Hyun-Byun Hae-Ill-Bak 'Measurement of the Stopping Cross-Section of Au for 0.2-1.8 MeV He Ions from the Energy Width of the Rutherford Backscattering Spectrum (in Korean)' <i>Sae-Mulli, 35, 689-693 (1994)</i> <i>Comment : He (0.2 - 1.8 MeV) -> Au</i>	1995-Soo
1996	Byun, S. H. Bak, H. I. 'Measurement of the Stopping Cross-Section of Au for 0.2-1.8 MeV He Ions from the Energy Width of the RBS Spectrum' <i>Korean J. Phys., 35, 689-693 (1996)</i> <i>Comment : S. He (0.2-1.8 MeV) -> Au</i>	1996-Byun
1996	Fischer, P. Eppacher, C. Hoefler, G. Semrad, D. 'Stopping Power Obtained from Complex Backscattering Spectra: The Isotopes of Magnesium' <i>Nucl. Inst. Methods, B115, 27-30 (1996)</i> <i>Comment : S. H, He (15-740 keV) -> Mg</i>	1996-Fisc
1996	Gelfort, S. Kerkow, H. Stolle, R. Petukhov, V. P. Romanowski, E. A. 'Angular Dependence of the Electronic Energy Loss for Low Energy Heavy Ions under Channeling Conditions' <i>Nucl. Inst. Methods, B115, 315-318 (1996)</i> <i>Comment : S. Channeling of ions He to Kr in Si <110></i>	1996-Gelf
1996	Haussalo, P. Nordlund, K. Keinonen, J. 'The Stopping Power of 5-100 keV He in Ta, Nb, W and Steel' <i>Nucl. Inst. Methods, B111, 1-6 (1996)</i> <i>Comment : S. He (5-100 keV) -> Ta, Nb, W, Steel</i>	1996-Haus
1996	Hetherington, D. W. 'Measurements of the Random and Channeled Stopping Powers for He Ions in InP' <i>Nucl. Inst. Methods, B115, 319-322 (1996)</i> <i>Comment : S. He (0.6-3.5 MeV) -> InP (Random and channeled)</i>	1996-Heth
1996	LeBlanc, L. Ross, G. G. Gollier, P. A. Bertrand, P. 'Measured Stopping Cross Sections for He in a-SiH Compounds Near their Maximum Values' <i>Nucl. Inst. Methods, B111, 17-21 (1996)</i> <i>Comment : S. He (200-1600 keV) -> SiH compounds</i>	1996-LeBl

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Lu, X. T. Jin, C. W. Wu, Z. Q. Xia, Z. H. 'Stopping and Straggling of He Ions in Havar' <i>Chinese Phys. Letters</i> , 13, 520-522 (1996) <i>Comment</i> : S, dS. He -> Havar	1996-Lu
1996	Martinez-Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. 'Energy Loss of H and He Ions in Al, Zn, and Au in the Intermediate Energy Range' <i>Phys. Rev. A</i> , 54, 3131-3138 (1996) <i>Comment</i> : S, H, He (1-200 keV) -> Al, Zn and Au	1996-Mart
1996	Misdaq, M. A. Ellassali, R. 'Average Stopping Powers for Channeled Ions using Calculational and Experimental Methods' <i>Nucl. Inst. Methods</i> , 119, 325-330 (1996) <i>Comment</i> : S, Light ions -> Si, GaAs (channeled)	1996-Misd
1996	Munnik, F. Plompen, A. J. M. Raisanen, J. Watjen, U. 'Stopping Powers of 200-3000 keV He and 550-1750 keV H Ions in Vyns' <i>Nucl. Inst. Methods</i> , B119, 445-451 (1996) <i>Comment</i> : S, H, He (200-3000 keV) -> Vyns (polymer)	1996-Munn
1996	Narumi, K. Kato, F. Fujii, Y. Kimura, K. Mannami, M. 'Postion Dependent Stopping of 12.5-30 keV He Ions at Crystal Surface' <i>Nucl. Inst. Methods</i> , B115, 51-54 (1996) <i>Comment</i> : S, He (12-30 keV) -> SnTe	1996-Naru
1996	Niemann, D. Kinac, G. Kalbitzer, S. 'Stopping Power of H, He and N in Si in the Energy Range of 0.02-1.0 MeV/amu' <i>Nucl. Inst. Methods</i> , 118, 11-18 (1996) <i>Comment</i> : S, H, He, N (.02-1.0 MeV/amu) -> Si	1996-Niem
1996	Plompen, A. J. M. Munnik, F. Raisanen, J. Watjen, U. 'Stopping Powers of 200-3200 keV He and 550-1559 keV H Ions in Polyimide' <i>J. Appl. Phys.</i> , 80, 3147-3154 (1996) <i>Comment</i> : S, H, He (200-3200 keV) -> Polyimide	1996-Plom
1996	Raisanen, J. Waetjen, U. Plompen, A. J. M. Munnic, F. 'Stopping Power Determinations by the Transmission Technique' <i>Nucl. Inst. Methods</i> , 118, 1-6 (1996) <i>Comment</i> : S, He (600-3200 keV) -> Kapton (polyimide)	1996-Rais
1996	Rajatora, M. Vakevainen, K. Ahlgren, T. Rauhala, E. Raisanen, J. 'Stopping Powers of GaAs for 0.3-2.5 MeV H and He Ions' <i>Nucl. Inst. Methods</i> , B119, 457-462 (1996) <i>Comment</i> : S, H, He (0.3-2.5 MeV) -> GaAs	1996-Raja

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1997	Fukuda, A. 'Stopping Powers of He and Ar Gases for 50-200 keV He-3 Ions' <i>Rad. Prot. Dosimetry</i> , 70, 47-48 (1997) <i>Comment</i> : S. He3 (50-2000 keV) -> He, Ar	1997-Fuku
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</i> 132, 36-40 (1997) <i>Comment</i> : S. He (10 MeV/u) -> C	1997-Ogawa
1997	Vakevainen, K. 'Stopping Cross Sections of ZnSe, Zn and Cu for H, He and Li Ions' <i>Nucl. Inst. Methods, B</i> 122, 187-193 (1997) <i>Comment</i> : S. H, He, Li (0.4-8.9 MeV) -> ZnSe, Zn, Cu	1997-Vake
1998	Bauer, P. Golser, R. Semrad, D. Maier-Komor, P. Aumayr, F. 'Influence of the Chemical State on the Stopping of Protons and He-Ions in some Oxides' <i>Nucl. Inst. Methods, B</i> 136-138, 103-108 (1998) <i>Comment</i> : S. H, He (0.03 - 1 MeV) -> Al2O3, SiO2	1998-Baue
1998	Climent-Font, A. Raisanen, J. Rauhala, E. 'Stopping Cross0Section Measurements of Ti Thin Films' <i>Nucl. Inst. Methods, B</i> 136-138, 109-113 (1998) <i>Comment</i> : S. He (0,2 - 1.9 MeV) -> Ti	1998-Clim
1999	Salah, H. Touchrift, B. Saad, M. 'The Influence of Physical State and Chemical Binding on the Energy Loww of Makrofol KG Polycarbonate for Helium Ions' <i>Nucl. Inst. Methods, B</i> 139, 382-388 (1998) <i>Comment</i> : S. He (1 - 4 MeV) -> Makrofol KG Polycarbonate	1998-Sala
1999	Apel, P. Spohr, R. Trautmann, C. Vutsadakis, V. 'Track Structure in Polyethylene Terephthalate Irradiated by Heavy Ion: LET Dependence of Track Diameter' <i>Rad. Meas.</i> , 31, 51-56 (1999) <i>Comment</i> : S. He (1 - 3 MeV) -> Mylar, Makrofol, Kapton	1999-Apel
1999	Chekirine, M. Ammi, H. 'Stopping Power of 1.0-3.0 MeV Helium in Mylar, Makrofol and Kapton Foils' <i>Rad. Meas.</i> , 30, 131-135 (1999) <i>Comment</i> : He (0.2 - 1.8 MeV) -> Au	1999-Chek
1999	Porter, L. E. 'Values of modified Bethe-Bloch Stopping Power Parameters for Polysulfone extracted from Stopping Power Measurements with Light Projectile' <i>Nucl. Inst. Methods, B</i> 159, 195-200 (1999) <i>Comment</i> : S. H, He (1 - 3.2 MeV) -> Polysulfone	1999-Port

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1999	Porter, L. E. 'Values of Bethe-Bloch Stopping Power Parameters for BYNS' <i>Nucl. Inst. Methods, B 149, 373-378 (1999)</i> <i>Comment : S. H, He (0.5 - 1.75 MeV) -> Vvns</i>	1999-Port2
2000	Hoshino, Y. Okazawa, T. Nishii, T. Nishimura, T. Kido, Y. 'Correction of Ziegler's Stopping Powers of Al, Si and their Oxides for MeV He Ions' <i>Nucl. Inst. Methods, B171, 409-413 (2000)</i> <i>Comment : S. He (1.1 - 2.6 MeV) -> Al, Si</i>	2000-Hosh
2002	Azevedo, G. Behar, M. Dias, J. F. Grande, P. L. daSilva, D. L. 'Random and Channeling Stopping Powers of He and Li Ions in Si' <i>Phys. Rev., B-65, 075203-1 - 9 (2002)</i> <i>Comment : S. He, Li -> Si</i>	2002-Azev
2002	Barradas, N. P. Jeynes, C. Webb, R. P. Wendler, E. 'Accurate Determination of the Stopping Power of 4-He in Si using Bayesian Inference' <i>Nucl. Inst. Methods, B194, 15-25 (2002)</i> <i>Comment : S. He -> Si</i>	2002-Barr
2002	Baving, P. Becker, H. W. Rolf, C. Zabel, H. 'Stopping Power of He Ions in Niobium from a Comparison of RBS and X-ray Reflectivity Measurements' <i>Nucl. Inst. Methods, B194, 363-368 (2002)</i> <i>Comment : S, He -> Nb</i>	2002-Bavi
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
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> <i>Comment : S. Ar, Si, O, He, H -> Au, Ni, C, Havar</i>	2002-Trza
2002	Zhang, Y. Possnert, G. 'Electronic Stopping Power of Swift Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B190, 69-73(2002)</i> <i>Comment : S. He, Be, C and Al -> C</i>	2002-Zhan2
2003	Raisanen, J. Trzaska, W. H. Alanko, T. Lyapin, V. Porter, L. E. 'Stopping powers of polycarbonate for 0.36–5.94-MeV protons and 1.0–24.0-MeV α particles' <i>J.Applied Phys. 94,2080 (2003)</i> <i>Comment : S. H(0.36-5.9 MeV), He(1-24 MeV)->polycarbonate</i>	2003-Rais

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2003	Zhang, Yanwen Weber, W. J. 'Electronic stopping of He, B, N, and Al in SiC' <i>Appl. Phys. Lett.</i> 83, 1665 (2003) <i>Comment</i> : S. He, B, N, Al (0.5 -0.6 MeV/n) -> SiC	2003-Zha2
2004	Hsu, J. Y. Yu, Y. C. Liang, J. H. Chen, K. M. Niu, H. 'Energy Loss of He, Li and B Isotopes with MeV Energies in Au' <i>Nucl. Inst. Methods, B219-220, 251-255 (2004)</i> <i>Comment</i> : S. He, Li B -> Au	2004-Hsu
2004	Janson, M.S. Linnarsson, M.K. Hallen, A Svensson, B.G. 'Electronic stopping cross sections in silicon carbide for low-velocity ions with $1 \leq Z_1 \leq 15$ ' <i>J. Appl. Phys.</i> 96, 164 (2004) <i>Comment</i> : S. H - P (1.5-300 keV) ->SiC	2004-Jans
2004	Lantschner, G. H. Eckardt, J. C. Lifschitz, A. F. Arista, N. R. Araujo, L. L. 'Energy Loss of Helium Ions in Zinc' <i>Phys. Rev., A-69, 062903-1 - 6 (2004)</i> <i>Comment</i> : S. He -> Zn	2004-Lant
2004	Pascual-Izarra, C. Bianconi, M. Barradas, N. P. Climent-Font, A. Garcia, G. 'Continuous stopping power curves of Al ₂ O ₃ for 0.2–2.5 MeV He ions' <i>Nucl.Instrum.Methods B219-220, 268 (2004)</i> <i>Comment</i> : S. He (0.2 - 2.5 MeV) -> Al ₂ O ₃	2004-Pas1
2004	Porter, L. E. Trzaska, W. H. Raisanen, J. Lyapin, V. 'Stopping powers of havar for 0.63–5.9 MeV protons and 2.6–24 MeV alpha particles' <i>J. Phys.: Condens. Matter</i> 16, 7663 (2004) <i>Comment</i> : S. H (0.63-5.9 MeV), He (2.6-24 MeV)->Havar	2004-Port
2004	Zhang, Y. Weber, W. J. 'Studies of Electronic Stopping Powers using Time of Flight Spectrometry' <i>Nucl. Inst. Methods, B219-220, 256-262 (2004)</i> <i>Comment</i> : S. He, O, Al -> C, SiC	2004-Zha1
2005	Bianconi, M. Barradas, N. P. Correria, L. 'The Stopping Cross-Section of Aluminum for He Ions' <i>Nucl. Inst. Methods, B239, 127-134 (2005)</i> <i>Comment</i> : S. He -> Al	2005-Bian
2005	Hsu, J. Y. Yu, Y. C. Liang, J. H. Chen, K. M. 'Experimental Stopping Forces in Aluminum and Silver by He ³ /He ⁴ , Li ⁶ /Li ⁷ and B ¹⁰ /B ¹¹ Ions' <i>Nucl. Inst. Methods, B241, 155-159 (2005)</i> <i>Comment</i> : S. He ³ , He ⁴ , Li ⁶ , Li ⁷ , B ¹⁰ , B ¹¹ -> Al, Ag	2005-Hsu

Citations for Ion : He

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2005	Pascual-Izarra, C. Garcia, G. 'Experimental stopping forces for He, C, O, Al and Si ions in Al ₂ O ₃ in the energy range of 40–1250 keV/nucleon ' <i>Nucl. Instr. Methods B228, 388 (2005)</i> <i>Comment : S. He, C, O, Al (40 - 1250 keV/n) -> Al₂O₃</i>	2005-Pasc
2005	Ribas, R. V. Medina, N. H. Added, N. Olivieria, J.R.B. Cybulska, E. W. 'Stopping powers of polycarbonate for 0.36–5.94-MeV protons and 1.0–24.0-MeV α particles' <i>Nucl. Instrum. Methods B211, 453 (2005)</i> <i>Comment : S. H (0.36-5.94 MeV), He (1.0-24.0 MeV) -> polycarbonate</i>	2005-Riba
2005	Zhang, Yanwen Weber, W. J. Raxpet, A. Possnert, G. 'Electronic stopping powers for He, Be and F ions in Au' <i>Nucl. Instrum. Methods B227, 479 (2005)</i> <i>Comment : S. Be, F (0.1 - 0.6 MeV/n) -> Au</i>	2005-Zha1
2006	Damache, S. Ouichaoui, S. Moussa, D. Dib, A. 'Effects of the Projectile Electronic Structure on Stopping Parameters for Nickel' <i>Nucl. Inst. Methods, B249, 22-25 (2006)</i> <i>Comment : S. H, D, He -> Ni</i>	2006-Dama
2007	Hsu, J.Y. Liang, J.H. Yu, Y.C. Chen, K.M. 'Stopping forces of ³ He and ⁶ Li ions with MeV energies in polycarbonate, polyethylene terephthalate, and polypropylene foils' <i>Nucl. Instrum. Methods B 256, 153 (2007)</i> <i>Comment : S. ³He (1.1-4.5 MeV), ⁶Li (1.2-4.8 MeV) -> polycarbonate, polyethylene terephthalate, polypropylene</i>	2007-Hsu
2007	Zhang, Y. Jensen, J. Possnert, G. Grove, D. A. Bae, I. T. 'Stopping Power Measurements of He Ions in Si and SiC by Time-of-Flight Spectrometry' <i>Nucl. Inst. Methods, B261, 1180-1183 (2007)</i> <i>Comment : S. He -> Si, SiC</i>	2007-Zhan
2008	Abdesselam, M. Ouichaoui, S. Azzouz, M. Chami, A.C. Siad, M. 'Stopping of 0.3-1.2 MeV/u protons and alpha particles in Si' <i>Nucl. Instrum. Methods Phys. Res. B 266, 3899 (2008)</i> <i>Comment : S. H, He (0.3-1.2 MeV/u) -> Si</i>	2008-Abde
2009	Behar, M. Fadanelli, R.C. Abril, I. Garcia-Molina, R. Denton, C.D. 'Energy loss of proton, alpha particle, and electron beams in hafnium dioxide films' <i>Phys. Rev. A80, 062901 (2009)</i> <i>Comment : S. H (120-900 keV), He(120-3000 keV) -> HfO₂</i>	2009-Beha
2009	Zhang, Y. Weber, W.J. 'Response of materials to single ion events' <i>Nucl. Instrum. Methods Phys. Res. B267, 1705 (2009)</i> <i>Comment : S. He (125-720 keV/n), Be (90-1600 keV/n), O (60-1300 keV/n), F (65-1130 keV/n) -> ZrO₂</i>	2009-Zhan

Citations for Ion : **He**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2010	Damache, S. Moussa, D. Ouichaoui, S. 'Stopping of ~0.2-3.4MeV/amu /sup 1/H/sup +/- and /sup 4/He/sup +/- ions in polyvinyl formal' <i>Nucl. Instrum. Methods B 268, 1759 (2010)</i> <i>Comment : S. H, He (0.2-3.4 MeV/u) -> polyvinyl formal (formvar)</i>	2010-Dama
2010	Hsu, J.Y. Yu, Y.C. Chen, K.M. 'Stopping force and straggling of 0.6-4.7 MeV H, He and Li ions in the polyhydroxybutyrate foil' <i>Nucl. Instrum. Methods B 268, 1786 (2010)</i> <i>Comment : S. H (0.6-3.5 MeV), He (2.0-4.7 MeV), Li (1.4-4.4 MeV) -> polyhydroxybutyrate (PHB)</i>	2010-Hsu
2010	Moussa, D. Damache, S. Ouichaoui, S. 'Effects of the projectile electronic structure on Bethe-Bloch stopping parameters for Ag' <i>Nucl. Instrum. Methods B 268, 1754 (2010)</i> <i>Comment : S. H, He (0.192-2.395 MeV/u) -> Ag</i>	2010-Mous