

Stopping for Ion : **He** , Target = **Al**

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 1680
1905	Bragg, W. H. Kleeman, R. 'On the Alpha Particles of Radium and Their Loss of Range in Passing through Various Atoms and Molecules' <i>Phil. Mag., 10, 318-340 (1905)</i> <i>Comment : S. 7.7 MeV He -> H2, Al, Cu, Ag, Sn, Pt, Au, Hydrocarbons: All Rel. To Air</i>	1905-Brag 0024
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 0117
1911	Rutherford, E. 'The Scattering of Alpha and Beta Particles by Matter and the Structure of the Atom' <i>Phil. Mag., Series 6, 21, 669-688 (1911)</i> <i>Comment : Theory. Derives masses of Al(27), Cu(63), Ag(108) and Pt(194) from stopping and scattering.</i>	1911-Ruth 1998
1913	Marsden, E. Taylor, T. S. 'The Decrease in Velocity of Alpha-Particles in Passing through Matter' <i>Proc. Roy. Soc., A88, 443-454 (1913)</i> <i>Comment : S. 5-8 MeV He -> Al, Cu, Au, Air, Mica</i>	1913-Mars2 0088
1926	Consigny, J. 'Pouvoir D'Arret De Quelques Metaux Pour Les Rayons Alpha' <i>C. R. Acad. Sci., 183, 127-29 (1926)</i> <i>Comment : S Rel. To Air. 5.3 MeV He -> Al, Cu, Ag, Au</i>	1926-Cons 0618
1928	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -> Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	1928-Rose 0110
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 0133

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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.</i> , 20, 394-98 (1949) <i>Comment</i> : S. 5.3 MeV He -> Al, Mica, Nylon, Polystyrene Rel. To Air	1949-Hamm 0063
1954	Phelps, J. Huebner, W. F. Hutchinson, F. 'The Stopping Power of Organic Foils for 6 MeV Alphas' <i>Phys. Rev.</i> , 95, 441-44 (1954) <i>Comment</i> : S. 6 MeV He -> CH ₂ , Plastics, Al Rel. To Air	1954-Phel 0096
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) <i>Comment</i> : S. (0.6 - 0.95 MeV) He -> Al, Ni, Ag, Au; (0.4 - 1.8 MeV) N -> Al, Ni, Au	1959-Pora 0248
1959	Ramavataram, K. Porat, D. I. 'Measurement of Surface Density of Thin Foils' <i>Nucl. Inst. Methods</i> , 4, 239-42 (1959) <i>Comment</i> : S. 3.72, 4.33 MeV He -> Al, Ni, Ag, Au all rel. To Air	1959-Rama 0550
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 0141
1961	Porat, D. I. Ramavataram, K. 'Differential Energy Loss and Ranges of Ne, N, and He Ions' <i>Proc. Phys. Soc.</i> , 78, 1135-43 (1961) <i>Comment</i> : S. (0.4 - 6.2 MeV) D, He, Ne, N -> C, Al, Ni, Ag, Au	1961-Pora2 0250
1962	Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radiotekhnika I. Elek. (USSR)</i> , 7, 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott 0159
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)[Engl. Trans. Sov. Phys., JETP15, 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 -> H ₂ , He, CH ₄ , Benzene, Air, Ar, S. Same -> Al, Ni, Ag, Au	1962-Tepl 0362
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 0580

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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 0217
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 0203
1966	Comfort, J. R. Decker, . F. Lynk, E. T. Scully, M. O. Quinton, A. R. 'Energy Loss and Stragglng 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 0274
1967	Fiedler, O. Ulrich, D. 'Das Relative Bremsvermogen Einiger Substanzen Fur Alpha-Teilchen Bis 5 MeV' <i>Z. Physik</i> , 200, 493-98 (1967) <i>Comment</i> : S. 0.3-5 MeV He -> Al, Ag, Au, Zapon, Paraffine.	1967-Fied 0598
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia)</i> , 4, 549-55 (1966)[<i>Engl. Trans. Sov. Phys. Nucl. Phys.</i> , 4, 390-94 (1967)] <i>Comment</i> : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb	1967-Vasi 0313
1967	White, W. Mueller, R. M. 'Measurement of Atomic-Stopping Cross Sections at Low Energies' <i>J. Appl. Phys.</i> , 38, 3660-61 (1967) <i>Comment</i> : S. 20-140 keV H, He -> Al	1967-Whit 0324
1968	Duc, T. M. Demeyer, A. Tousset, J. Chery, R. 'Determination Experimentale De La Perte D'Energie, Des Parcours Et De La Dispersion D'Un Faisceau De Particules Alpha De 54 MeV Dans Quelques Elements. J. Physique, 29, 129-135 (1968) <i>Comment</i> : R, S, dS. 54.4 MeV He -> Cu, Ag, Tb, Tm, Au, S, dS. 50-54 MeV He, 27 MeV D -> Al	1968-Duc 0329
1969	Andersen, H. H. Simonsen, H. Sorensen, H. 'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula' <i>Nucl. Phys.</i> , 125, 171-75 (1969) <i>Comment</i> : S. 5-13 MeV H, D; 8-20 MeV 3He, 4He -> Al, Ta	1969-Ande 0374

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1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev.</i> , 187, 478-90 (1969) <i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn	1969-Chu 0382
1969	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) <i>Comment</i> : S. (1.4-10 MeV) He, N -> Se, Al, Ni, Ag, Au	1969-Naka 0411
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 0677
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) <i>Comment</i> : S. 28 MeV He -> Be, Al, Cu, Mo, Ta, Au	1971-Ishi2 0436
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) <i>Comment</i> : S. H, He, N (0.2-0.5 MeV) -> Se, Al, Ag	1971-Naka 1726
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</i> , 22, 437-39 (1973) <i>Comment</i> : 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	1973-Chu 3 0124
1973	Feng, J. S. -Y. Chu, W. K. Nicolet, M. -A. Mayer, J. W. 'Relative Measurements of Stopping Cross Section Factors by Back-Scattering' <i>Thin Solid Films</i> , 19, 195-204 (1973) <i>Comment</i> : S (1-2 MeV) He -> Au, Ag, Cu, Al, Si. Relative Stopping	1973-Feng 0503
1973	Feng, J. S. -Y. Chu, W. K. Nicolet, M-A. 'Bragg's Rule Study in Binary Metal Alloys Metal Oxides for MeV 4He+ Ions' <i>Thin Solid Films</i> , 19, 227-236 (1973) <i>Comment</i> : S. 0.5-2.25 MeV He -> AuAg, AuCu, AuAl, Fe2O3, Fe3O4, Al2O3	1973-Feng2 0506

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1973	Ishiwari, R. Shiomi, N. Shirai, S. 'Tabulated Results of Stopping Power Measurements of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28.8 MeV Alpha Particles.' <i>J. Phys. Soc. Jap. (1973).</i> <i>Comment : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1973-Ishi 0920
1974	Baglin, J. E. E. Ziegler, J. F. 'Tests of Bragg's Rule for Energy Loss of 4He Ions in Solid Compounds' <i>J. Appl. Phys., 45, 1413-1415 (1974)</i> <i>Comment : S. He (2 MeV) -> Si, Rh, Hf, Al, W, C, and many compounds</i>	1974-Bagl 1583
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 0816
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 0521
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 0704
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z1*3 Effect on the Stopping Powers of Several Metallic Elements for 28.8 MeV Alpha Particles: Deviations of Experimental Data from Theories.' <i>Phys. Letters A, 51, 54-54 (1975)</i> <i>Comment : S. 28.8 MeV He -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au</i>	1975-Ishi 0781
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 0783
1976	Luomajarvi, M. Fontell, A. Bister, M. 'Energy Straggling 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 0854

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1977	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. 'Experimental Investigation of Higher-Order Z1 Corrections to the Bethe Stopping-Power Formula' <i>Nucl. Inst. Methods, 140, 537-540 (1977)</i> <i>Comment : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au</i>	1977-Ande3 0908
1977	Borgesen, P. Nicolet, M. A. 'Stopping Cross Section Measurements with Thin Supported Films' <i>Nucl. Inst. Methods, 140, 541-548 (1977)</i> <i>Comment : S. 0.5-2.0 MeV He -> Al, Au, Pt</i>	1977-Borg 1046
1977	Mertens, P. 'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils' <i>Nucl. Inst. Methods, 149, 149-153 (1978)</i> <i>Comment : S, dS.H, He, Li, Be, B, C, N, O, F, Ne (300 keV) -> C, Ni, Co, Nb. 300 keV He, Ne, F, O, N -> C, Al, Ti, Mn, Fe, Co, Ni, Cu, Nb, Ag, Au</i>	1977-Mert 0928
1978	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Re-Evaluation of Stopping Powers of Be,Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 56, 47-48 (1978)</i> <i>Comment : S, dS. 28 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1978-Ishi3 1169
1978	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 1592
1979	Mertens, P. 'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions' <i>Phys. Rev. A, 19, 1442-1447 (1979)</i> <i>Comment : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au</i>	1979-Mert 1130
1979	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 1350
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 Polystyrene Films' <i>Sov. Phys., JETP 51, 954 (1980)</i> <i>Comment : S, dS. H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene</i>	1980-Bedn 1615

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1980	Friedland, E. Lombaard, J. M. 'Energy-Loss Straggling of Al, Ni, and Au' <i>Nucl. Inst. Methods, 168, 25-27 (1980)</i> <i>Comment : S, dS. .4-2.2 MeV He -> Al, Ni, Au</i>	1980-Frie 1315
1980	Mertens, P. Krist, Th. 'Stopping Ratios of 50-300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 168, 33-39 (1980)</i> <i>Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1980-Mert 1313
1980	Santry, D. C. Werner, R. D. 'Stopping Power Values of Be, C, Al and Si for 4He Ions' <i>Nucl. Inst. Methods, 178, 523-530 (1980)</i> <i>Comment : S. He (0.2-2.0 MeV) -> Be, C, Al, Si</i>	1980-Sant2 1407
1981	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Straggling of Hydrogen and Helium Ions in Al, C, and Polystyrene at Energies of Tens and Hundreds keV/amu' <i>Phys. Stat. Sol. A, 68, 187 (1981)</i> <i>Comment : S, dS. H, He (70-1200 keV) -> Al, C, Polystyrene</i>	1981-Bedn 1958
1981	Santry, D. C. Werner, R. D. 'Stopping Power Values of C, Al, Si, Ni, Ag and Au for 3He Ions' <i>Nucl. Inst. Methods, 185, 517-521 (1981)</i> <i>Comment : S. He3 (200-2000 keV) -> C, Al, Si, Ni, Ag, Au</i>	1981-Sant2 1449
1982	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 1416
1982	Mertens, P. Krist, Th. 'Stopping Ratios of 50 - 300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 194, 57 (1982)</i> <i>Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1982-Mert 1133
1982	Schultz, F. Brandt, W. 'Effective Charge of Low Velocity Ions in Matter: A Comparison of Theoretical Predictions with Data Derived from Energy Loss Measurements' <i>Phys. Rev. B, 26, 4864 (1982)</i> <i>Comment : S. He, N, Ne, Ar (0.5-1.3 Vo) -> C, Al, Au</i>	1982-Schu 1959
1983	Krist, Th. Mertens, P. 'Stopping Ratios for 30-330 keV Light Ions in Materials with 57 <=Z2 <=83' <i>Nucl. Inst. Methods, 218, 821-826 (1982)</i> <i>Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au</i>	1983-Kris 1312

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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.</i> , 52, 408-411 (1984) <i>Comment</i> : S. He (2.5-3.8 MeV) -> Al, Cu, Ag, Au	1984-Desm 1638
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</i> , B2, 119-122 (1984) <i>Comment</i> : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi	1984-Kris 1467
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.</i> , Sect. 5, 677 (1984) <i>Comment</i> : S,dS. He(1.0-5.4 MeV) -> Al. Angular distribution of stopping and straggling.	1984-Samp 1754
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</i> , B1, 13 (1984) <i>Comment</i> : S. He (2-7 MeV) -> > C, Al, Si, Ti, Ni, Ag, Au, Mylar	1984-Sant 1757
1986	Santry, D. C. Werner, R. D. 'Energy Loss of He Ions in Al ₂ O ₃ and SiO ₂ ' <i>Nucl. Inst. Methods</i> , B14, 169-172 (1986) <i>Comment</i> : S. He(0.2-5.8 MeV) -> Al ₂ O ₃ , SiO ₂ , Al	1986-Sant 1194
1987	Barros Leite, C. V. Baptista, G. B. Patnaik, B. K. 'Recent Relative Stopping Power Measurements by Monoenergetic Methods' <i>Nucl. Inst. Methods</i> , B24/25, 343 (1987) <i>Comment</i> : S. He (0.3-2.6 MeV) -> Al	1987-Barr 1605
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 1962
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</i> , 118 (2), 97-103 (1991) <i>Comment</i> : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn	1991-Rais 1988

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1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. 'Stopping Powers of Metallic Elements for High Energy Ions' <i>Rad. Effects, 117, 193-195 (1991)</i> <i>Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt</i>	1991-Saka 1753
1992	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 2161
1994	Benka, O. Steinbauer, E. Bauer, P. 'Kinetic Electron Emission Yield induced by H and He Ions versus Stopping Power for Al, Cu, Ag and Au' <i>Nucl. Inst. Methods, B90, 64-66 (1994)</i> <i>Comment : S. H, He (0.5-4.8 MeV) -> Al, Cu, Ag, Au Electron emission effects.</i>	1994-Benk 2045
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, 54, 3131-3138 (1996)</i> <i>Comment : S. H, He (1-200 keV) -> Al, Zn and Au</i>	1996-Mart 1267
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 2344
2002	Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i> <i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>	2002-Geis 3141
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