

Citations for Target : **Ir**

| 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 |
| 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 |
| 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 0118 |
| 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 0098 |
| 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 1994 |
| 1925 | Jacobsen, T. " <i>Nature, June 19, 858 (1925)</i> <i>Comment : S, He (5-7 MeV) -> Air</i> | 1925-Jaco 1990 |
| 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 0090 |
| 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 0025 |
| 1930 | Gerthsen, Chr. 'Uber Ionisation und Reichweite von H-Kanalstrahlen in Luft und Wasserstoff' <i>Ann. Physik, 5, 657-669 (1930)</i> <i>Comment : R. 20-64 keV H -> Air, H2</i> | 1930-Gert 0053 |

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| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|------------------|---|---------------------------|
| 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 0064 |
| 1932 | Blackett, P. M. S. Lees, D. S. 'Further Investigations with a Wilson Chamber, the Range and Velocity of Recoil Atoms' <i>Proc. Roy. Soc., A134, 658-71 (1932)</i> <i>Comment : R. 100-800 keV He, 100-500 keV H -> Air</i> | 1932-Blac 0016 |
| 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 0082 |
| 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 0085 |
| 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 0512 |
| 1937 | Parkinson, D. B. Herb, R. G. Bellamy, J. L. Hudson, C. M. 'The Range of Protons in Aluminum and Air' <i>Phys. Rev., 52, 75-79 (1937)</i> <i>Comment : R. 0.1-2.0 MeV H -> Air, Al</i> | 1937-Park 0095 |
| 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 0112 |
| 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 0035 |
| 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 0062 |

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| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|--|---------------------------|
| 1943 | SenGupta, R. L. 'Specific Ionization of Cosmic Ray Particles' <i>Proc. Natl. Inst. Sci. India, 9, 295-300 (1943)</i> <i>Comment : S. Rel. To Min. 0.2-20 GeV/c Mu, Pi -> Air</i> | 1943-SenG 0079 |
| 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 1578 |
| 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 0031 |
| 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-Wyztz 0138 |
| 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 0054 |
| 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 1579 |
| 1949 | Boggild, J. K. Minnhagen, L. 'A Cloud-Chamber Study of the Disintegration of Lithium by Slow Neutrons' <i>Phys. Rev., 75, 782-85 (1949)</i> <i>Comment : R. 880-keV H -> Air</i> | 1949-Bogg 0020 |
| 1949 | Faraggi, H. 'La Reaction 10B(n,alpha)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 0050 |
| 1949 | VanDerMaas, G. J. Yntema, I. 'A Determination of the Mean Range of the Alpha Particles of 235U' <i>Physica, 15, 807-24 (1949)</i> <i>Comment : R. 4.4 MeV He Rel. To 4.2 MeV He -> Air</i> | 1949-VanD 0081 |

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| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|------------------|--|----------------------|
| 1949 | Wyly, L. D. Sailor, V. L. Ott, D. G. 'Protons from the Bombardment of He3 by Deuterons' <i>Phys. Rev.</i> , 76, 1532-33 (1949) <i>Comment</i> : R. 16-20.5 MeV H -> Air | 1949-Wyly 0137 |
| 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 0126 |
| 1952 | Carter, R. S. Whittemore, W. L. 'The Relative Specific Ionization of Fast Mesons' <i>Phys. Rev.</i> , 87, 494-99 (1952) <i>Comment</i> : S. 70-1500 MeV/c Mu -> Air | 1952-Cart 0113 |
| 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 0057 |
| 1952 | Lillie, A. B. 'The Disintegration of Oxygen and Nitrogen by 14.1 MeV Neutrons.' <i>Phys. Rev.</i> , 87, 716-22 (1952) <i>Comment</i> : R. 0.5-5 MeV ¹³ C, 0.5-7 MeV ¹¹ B -> Air | 1952-Lill 0078 |
| 1953 | Burcham, M. 'The Range Energy Relations for Protons of Intermediate Energy in Air' <i>Phil. Mag.</i> , 44, 211-13 (1953) <i>Comment</i> : R. 1-12 MeV H -> Air | 1953-Burc 0028 |
| 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.</i> , 91, 1417-22 (1953) <i>Comment</i> : R. (4-250 keV) H, He -> H ₂ , Ar, Air, N ₂ , CO, CH ₄ , O ₂ . Ionization Ranges. | 1953-Cook 0762 |
| 1953 | Cooper, P. N. Crocker, V. S. Walker, J. 'Range-Energy Data from the ¹⁰ B(n,α) ⁷ Li and ⁶ Li(n,T) ⁴ He Reactions' <i>Proc. Phys. Soc. A</i> 66, 660-61 (1953) <i>Comment</i> : R. 1.47 MeV He, 2.75 MeV ³ H -> Air | 1953-Coop2 0037 |
| 1953 | Evans, G. E. Stier, P. M. Barnett, C. F. 'The Stopping of Heavy Ions in Gases' <i>Phys. Rev.</i> , 90, 825-32 (1953) <i>Comment</i> : R. 20-250 keV He, N, Ne, Ar -> He, N ₂ , Ar, Air | 1953-Evan 0048 |

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|------------------|---|--------------------------|
| 1953 | Reynolds, H. K. Dunbar, D. N. F. Wenzel, W. A. Whaling, W. 'The Stopping Cross Section of Gases for Protons, 30-600 keV' <i>Phys. Rev.</i> , 92 , 742-48 (1953) <i>Comment</i> : S. 30-600 keV H -> H2, He, O2, Air, N2, Ne, Ar, Kr, Xe, Hydrocarbons. | 1953-Reyn 0103 |
| 1953 | Weyl, P. K. 'The Energy Loss of Hydrogen, Helium, Nitrogen and Neon Ions in Gases' <i>Phys. Rev.</i> , 91 , 289-96 (1953) <i>Comment</i> : S. 150-450 keV H, D, He, N, Ne -> H2, He, Air, Ar | 1953-Weyl 0131 |
| 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.</i> , 96 , 673-78 (1954) <i>Comment</i> : R, dR. 480-615 keV He -> Air | 1954-Bari 0009 |
| 1955 | Brolley, J. E. Ribe, F. L. 'Energy Loss by 8.86 MeV Deuterons and 4.43 MeV Protons.' <i>Phys. Rev.</i> , 98 , 1112-14 (1955) <i>Comment</i> : S. 4.43 MeV H -> H2, Air, Kr. 8.86 MeV D -> H2, He, N2, O2, Ne, Ar, Kr, Xe | 1955-Brol 0026 |
| 1956 | Allison, S. K. Littlejohn, C. S. 'Stopping Power of Various Gases for Lithium Ions of 100-450-keV Energy' <i>Phys. Rev.</i> , 104 , 959-61 (1956) <i>Comment</i> : S. 100-450 keV Li -> H2, He, Ar, Air | 1956-Alli 0002 |
| 1957 | Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev.</i> , 106 , 848-51 (1957) <i>Comment</i> : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th | 1957-Burk 0149 |
| 1959 | 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 |
| 1959 | Vorob'Ev, Yu. A. 'Range of Nitrogen and Beryllium Ions in Air' <i>Zh. Eksp. Teor. Fiz.</i> , 35 , 1306-07 (1958). [<i>Engl. Trans. Sov. Phys. JETP</i> , 8 , 912 (1959)] <i>Comment</i> : R. 4.9-9.5 MeV N, 3.1, 3.7 MeV Be -> Air | 1959-Voro 0554 |
| 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 0568 |

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| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|--|---------------------------|
| 1963 | Nakano, G. H. Mackenzie, K. R. Bichsel, H. 'Relative Stopping Power of Some Metallic Elements for 28 MeV Protons.' <i>Phys. Rev., 132, 291-93 (1963)</i> <i>Comment : S. Rel. To Al. 28.7 MeV H -> Be, Ti, V, Co, Ni, Cu, Ag, Ta, W, Ir, Au</i> | 1963-Naka 0146 |
| 1963 | Park, J. T. Zimmermann, E. J. 'Stopping Cross Section of Some Hydrocarbon Gases for 40-250 keV Protons and Helium Ions' <i>Phys. Rev., 131, 1611-18 (1963)</i> <i>Comment : S. 40-250 keV H -> Air, He, Various Hydrocarbons</i> | 1963-Park 0175 |
| 1965 | LiuCheng, H. C. 'Range Energy Measurements in Gases' <i>Ph.D. Thesis. University of Southern California (1965)</i> <i>Comment : R. 2-8 MeV He -> N2, O2, Air, Ar</i> | 1965-LiuC 0901 |
| 1966 | Kerr, G. D. Hain, L. M. Underwood, N. Walthers, A. W. 'Molecular Stopping Cross Sections of Air, N2, Kr, CO2 and CH4 for Alpha Particles' <i>Health Phys., 12, 1475-80 (1966)</i> <i>Comment : S. 0.3-5 MeV He -> N2, Air, Kr, CO2, CH4</i> | 1966-Kerr 0793 |
| 1966 | Mosner, J. Schmidt, G. Schintlmeister, J. 'Energie-Reichweite-Kurve Fur 7Li-Ionen in Luft' <i>Ann. Physik, 18, 268-270 (1966)</i> <i>Comment : R. 0.1-5.0 MeV Li -> Air</i> | 1966-Mosn 0770 |
| 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, 40, 192-96 (1966)</i> <i>Comment : R, dR. 0.5 - 5.6 MeV He -> Air</i> | 1966-Roto2 0251 |
| 1968 | Cano, G. L. 'Total Ionization and Range of Low-Energy Recoil Particles in Pure and Binary Gases' <i>Phys. Rev., 169, 277-79 (1968)</i> <i>Comment : R. 103 keV 206Pb -> Ne, Ar, Xe, N2, Air, Hydrocarbons</i> | 1968-Cano 0331 |
| 1968 | Fastrup, B. Borup, A. Hvelplund, P. 'Stopping Cross Section in Atmospheric Air of 0.2 - 0.5 MeV Atoms with $6 \leq Z1 \leq 24$.' <i>Can. J. Phys., 46, 489-95 (1968)</i> <i>Comment : S. (100-1000 keV) C, N, O, Ne, N, Mg, P, S, Cl, Sc, Ca, Ti Al, Ar, K, Cr -> Air</i> | 1968-Fast 0341 |
| 1968 | Hvelplund, P. 'Prisopgave' <i>Aarhus University P. 1-105 (In Danish) (1968)</i> <i>Comment : S, dS. Many Ions (H-Hg) at 50-500 keV -> H, He, Ne, Ar, Kr, Xe, Air</i> | 1968-Hvel 0406 |

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| 1968 | Whitton, J. L. 'The Depth Distribution of 40 keV 133Xe Ions in Various Single Crystals' <i>Can. J. Phys.</i> , 46, 581-86 (1968) <i>Comment</i> : R, dR. 40 keV 133Xe -> Ta, W, Al, Cu, Au, Ir (All Cryst.) | 1968-Whit2 0335 |
| 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) <i>Comment</i> : S, dS. 1-3.5 MeV He -> He, Air, Ar, Kr, Xe | 1969-Rami 0388 |
| 1970 | Swint, J. B. Prior, R. M. Ramirez, J. J. 'Energy Loss of Protons in Gases' <i>Nucl. Inst. Methods</i> , 80, 134-40 (1970) <i>Comment</i> : S. 0.4-3.4 MeV H -> N2, Air, O2, Ne, Ar, Kr, CH4, CO2 | 1970-Swin 0403 |
| 1971 | Bonderup, E. Hvelplund, P. 'Stopping Power and Energy Straggling of Swift Protons' <i>Phys. Rev. A</i> , 4, 562-69 (1971) <i>Comment</i> : S,dS. 100-500 keV H -> H2, He, Air, Ne, Ar, Kr | 1971-Bond 0429 |
| 1971 | Hvelplund, P. 'Energy Loss and Straggling of 100-500 keV Atoms with 2 ≤ Z ≤ 12 in Various Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 38, No. 4, P. 1-25 (1971) <i>Comment</i> : S,dS. (100-500 keV) He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> Air, He, Ne, H2, O2 | 1971-Hvel 0421 |
| 1971 | Langley, R. A. 'Range-Energy Relations for Helium Ions and Protons in Ar, N2, O2, and Air (0.2 - 2.0 MeV).' <i>Phys. Rev. A</i> , 4, 1868-72 (1971) <i>Comment</i> : R. 0.2-2.0 MeV H, He -> N2, O2, Ar, Air. Ranges Deduced From Ionization. | 1971-Lang 0457 |
| 1972 | Huebner, J. S. Skolil, L. L. 'The Residual Energy and Stopping Power of 210Po Alpha Particles in Air, CO2, and He' <i>Am. J. Phys.</i> , 40, 1177-78 (1972) <i>Comment</i> : S. 3-5.3 MeV He -> Air, CO2, He | 1972-Hueb 0666 |
| 1972 | Langley, R. A. 'Range-Energy Relations for N, Na, and Ar Ions (0.3 - 2.0 MeV) in Ar, N2, O2, and Air.' <i>Phys. Rev. A</i> , 6, 1863-69 (1972) <i>Comment</i> : R. 0.3-2.0 MeV N, Na -> Air; 0.3-1.0 MeV Ar -> Air, N2, O2, Ar | 1972-Lang 0451 |
| 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</i> , 106, 241-43 (1973) <i>Comment</i> : dS. 5.2 MeV He -> He, Ne, Ar, Kr, CH4, CO2, N2, Air. | 1973-Al 0472 |

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|-------------|---|---------------------------|
| 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) | 1973-Chu 3 0124 |
| | <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 | |
| 1975 | Al-Bedri, M. B. Harris, S. J. 'Energy Straggling of Fission Fragments in Gases and Solids' <i>Nucl. Inst. Methods</i> , 124, 125-130 (1975) | 1975-Al 1273 |
| | <i>Comment</i> : dS. Cf Fiss. Frag. -> He, N, CO2, Ar, Kr, Ne, Air, Al, Ag, Cu, Au, CH4, Tissue Eq. Gas | |
| 1975 | Betz, G. Isele, H. -J. Rossle, E. Hortig, G. 'Stopping Powers of He, Air, and Kr for 5 to 110 MeV Uranium Ions' <i>Nucl. Inst. Methods</i> , 123, 83-87 (1975) | 1975-Betz 0522 |
| | <i>Comment</i> : S. 5-110 MeV U -> He, Air, Kr | |
| 1975 | Demidovich, N. N. Nakhutin, I. E. Shatunov, V. G. 'Certain Features of the Stopping Power of Gases for Fission Fragments' <i>Pis'Ma Zh. Eksp. Teor. Fiz. (Russia)</i> , 22, 526-28 (1975) [<i>Eng. Trans. JETP Letters</i> , 22,257-58 (1975)] | 1975-Demi 0877 |
| | <i>Comment</i> : S. Fission Fragments -> Air | |
| 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</i> , 137, 151-5 (1976) | 1976-Gear 0912 |
| | <i>Comment</i> : S, dS. 0.5-5.5 MeV He -> Air, Melinex, Mylar | |
| 1978 | Ouseph, P. J. Mostovych, A. 'An Experiment to Measure Range, Range Straggling, Stopping Pwer and Energy Straggling of Alpha Particles in Air' <i>Am. J. Phys.</i> , 46, 742-744 (1978) | 1978-Ouse 1732 |
| | <i>Comment</i> : S,dS,R,dR. He (0.3-4.0 MeV) -> Air | |
| 1980 | Bimbot, R. Gardes, D. Geissel, H. Kitahara, T. Armbuster, P. 'Stopping Power Measurements for 3-5 MeV/amu Kr, Xe, Pb and U in Solids' <i>Nucl. Inst. Methods</i> , 174, 231-236 (1980) | 1980-Bimb 1408 |
| | <i>Comment</i> : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan | |
| 1980 | Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A</i> , 22, 1, 68-75 (1980) | 1980-Land3 1453 |
| | <i>Comment</i> : S,R, dR. N (800 keV) -> 24 Solids (C-Pb) | |

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| 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) | 1980-Thwa 1489 |
| | <i>Comment</i> : S. He (0.2-5.5 MeV) -> He, N, Ar, CH ₄ , Air | |
| 1981 | Salamon, M. H. Ahlen, S. P. Tarle, G. Creggin, K. C. 'Measurement of Higher Order Corrections to Stopping Power for Relativistic Ne, Ar and Fe Beams' <i>Phys. Rev. A</i> , 23, 1, 73-76 (1981) | 1981-Sala 1463 |
| | <i>Comment</i> : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO ₂ , Lexan | |
| 1983 | Krist, Th. Mertens, P. 'Proton Energies at the Maximum of the Electronic Stopping Cross Section in Materials with 57 <Z<83' <i>Nucl. Inst. Methods</i> , 218, 790-794 (1983) | 1983-Kris2 1440 |
| | <i>Comment</i> : S. H (30-350 keV) -> La, Nd, Tb, Dy, Lu, Ta, Re, Ir, Pt, Au, Bi | |
| 1985 | Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods</i> , B10/11, 234-236 (1985) | 1985-Land 1454 |
| | <i>Comment</i> : S,R, dR. N (800 keV) -> 24 Solids (C-Pb) | |
| 1987 | Fink, D. Biersack, J. P. Stadel, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects</i> , 104, 1-42 (1987) | 1987-Fink 1645 |
| | <i>Comment</i> : R. He-3 (50-1500 keV) -> Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO ₂ | |
| 1988 | Reier, M. 'An Experimental Measurement of the Energy Loss of Cf Fission Fragments in Air - A Comparison with Calculations' <i>Nucl. Inst. Methods</i> , B30, 503 (1987) | 1988-Reie 1968 |
| | <i>Comment</i> : S. Fission Fragments (Cf) -> Air | |