

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 0010
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 0061
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 1577
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. '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 0093
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
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
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 0045
1951	Goodman, P. Nicholson, K. P. Rathgeber, H. D. 'The Ionization of Cosmic-Ray Particles' <i>Proc. Phys. Soc., 64, 6-7 (1951)</i> <i>Comment : S. Rel. To Min. 0.4-40 GeV/c Mu, Pi -> Ar + Ethylene</i>	1951-Good 0119

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1952	Evans, G. E. Barnett, C. F. Stier, P. M. DeRito, V. L. 'Extrapolated Ionization Ranges of Ions Heavier Than Protons' <i>ORNL-1278, 17-21 (1952)</i> <i>Comment : R. (50-300 keV) H, He, N, Ne, Ar -> He, N2, Ar, Air</i>	1952-Evan 0057
1952	Kupperian, J. E. Palmatier, . P. 'The Ionization Loss of Energy of Relativistic Mu-Mesons in Argon' <i>Phys. Rev., 85, 1043 (1952)</i> <i>Comment : S. 160-1800 MeV Mu -> Ar</i>	1952-Kupp 0109
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 0762
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 0048
1953	Parry, J. K. Rathgeber, H. D. Rouse, J. L. 'Ionization of Cosmic Ray Mesons in Argon' <i>Proc. Phys. Soc., 66, 541-48 (1953)</i> <i>Comment : S, dS. 0.3-70 GeV/c Mu, Pi -> Ar</i>	1953-Parr 0108
1953	Phillips, J. A. 'The Energy Loss of Low Energy Protons in Some Gases' <i>Phys. Rev., 90, 532-37 (1953)</i> <i>Comment : S. 10-80 keV H -> H2, He, N2, O2, Ar, Kr, H2O, CO2, CCl4</i>	1953-Phil 0099
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., 92, 742-48 (1953)</i> <i>Comment : S. 30-600 keV H -> H2, He, O2, Air, N2, Ne, Ar, Kr, Xe, Hydrocarbons.</i>	1953-Reyn 0103
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 0131
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 0023

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1954	Chilton, A. B. Cooper, J. N. Harris, J. C. 'The Stopping Power of Various Elements for Protons of Energies from 400 to 1050 keV' <i>Phys. Rev.</i> , 93, 413-18 (1954) <i>Comment</i> : S. 400-1050 keV H -> N2, Ne, Ar, Kr, Xe, Ni, Cu	1954-Chil 0032
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 0011
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
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 0567
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
1956	Jesse, W. P. Saduakis, J. 'Recoil Particles from Po210 and Their Ionization in Argon and Helium' <i>Phys. Rev.</i> , 102, 389-90 (1956) <i>Comment</i> : R. 103 keV 206Pb -> He, Ar	1956-Jess 0239
1957	Gooding, T. S. Eisberg, R. M. 'Statistical Fluctuations of Energy Loss of 37-MeV Protons' <i>Phys. Rev.</i> , 105, 357-60 (1957) <i>Comment</i> : dS. 37 MeV H -> Ar, Plast. Scint.	1957-Good 0535
1958	Kepler, R. G. D'Andlau, C. A. Fretler, W. B. Hansen, L. F. 'Relativistic Increase of Energy Loss by Ionization in Gases' <i>Nuovo Cimento</i> , 7, 71-86 (1958) <i>Comment</i> : S. 0.3-12 GeV Mu -> He, Ar, He + Ar, Rel. To Min.	1958-Kepl 0100
1959	Hall, G. 'Ionization Loss by Cosmic-Ray Mu-Mesons in Argon' <i>Can. J. Phys.</i> , 37, 189-202 (1959) <i>Comment</i> : S, dS. 3.1 < P/Mc < 6.2 Mu+ -> Ar	1959-Hall 0080

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1959	Harvey, B. G. Donovan, P. F. Morton, J. R. 'Range Energy Relation for Heavy Atoms' <i>UCRL Rpt. 8618, 17-20 (1959)</i> <i>Comment : R. 725 keV 226Th -> H2, D2, He, N2, Ar</i>	1959-Harv 0145
1959	Valyocsik, E. W. 'Range and Range Straggling of Heavy Recoil Atoms' <i>UCRL Rpt. 8855 (1959)</i> <i>Comment : R, dR. (90-725 keV) Ra, Th -> N2, H2, D2, He, Ne, Ar; Po (80 keV) -> 209Bi</i>	1959-Valy 0144
1960	Kushnir, Yu. M. Kabanov, A. N. Krumiakova, L. N. 'Measurement of Energy Loss in Gases of 70 keV Lithium Ions by an Electrostatic Analyser' <i>Radioteknika I. Elek. (USSR), 5, (1960). [Engl. Trans. Rad. Eng. Elect. Phys., 5, 197- (1960)]</i> <i>Comment : S. 70 keV Li -> He, Ar, N2, O2</i>	1960-Kush 0776
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. 'Energy Loss Measurements for Heavy Ions in Mylar and Polythene' <i>Phys. Rev., 120, 1758-61 (1960)</i> <i>Comment : S. 12-120 MeV C, 16-160 MeV O, 20-200 MeV Ne -> Mylar, Polyethylene</i>	1960-Scha 0722
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. 'Energy Loss Measurements for Heavy Ions in Mylar and Polyethylene' <i>Phys. Rev., 120, 1758 (1960)</i> <i>Comment : S. He, B, Be, C, N, O, F, Ne (10 MeV/amu) -> Mylar, Polyethylene</i>	1960-Scha2 1931
1961	Riezler, W. Schepers, H. 'Ionisation und Energieverlust von Alpha-Teilchen in Verschiedenen Gasen' <i>Ann. Physik, 8, 270-277 (1961)</i> <i>Comment : R. S Rel. To Air 8.78 MeV He -> Air, He, Ne, Ar, Kr, H2, N2, O2, CO, CO2, CH4, C2H6, C3H8, C4H10</i>	1961-Riez 0568
1962	Bryde, L. Lassen, N. O. Roy-Poulsen, N. O. 'Ranges of Recoil Ions from Alpha-Reactions' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 33, No. 8, 1-28 (1962)</i> <i>Comment : R, dR. (0.6-1.3 MeV) Ga, K -> H2, D2, He, Ar, N, Cu; 3.9 MeV F -> N</i>	1962-Bryd 0156
1962	Martin, F. W. Northcliffe, L. C. 'Energy Loss and Effective Charge of He, C, and Ar Ions' <i>Phys. Rev., 128, 1166-1174 (1962)</i> <i>Comment : S. He, C, Ar (4-400 MeV) -> H, He, N, Ar</i>	1962-Mart 0148
1963	Wolke, R. L. Bishop, W. N. Eichler, E. Johnson, N. R. O'Kelley, G. D. 'Ranges and Stopping Cross Sections of Low-Energy Tritons' <i>Phys. Rev., 129, 2591-96 (1963)</i> <i>Comment : R, S. 0.2-2.73 MeV T -> N2, Al, Ar, Ni, Kr, Xe.</i>	1963-Wolk 0142

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1963	Zahn, P. 'Energieverlust von Alpha-Ruckstosskernen in Formvar' <i>Z. Physik, 175, 85-98 (1963)</i> <i>Comment : S. 169 keV 208Pb -> Formvar</i>	1963-Zahn 0724
1964	Gilat, J. Alexander, J. M. 'Stopping of Dysprosium Ions in Gases and Al' <i>Phys. Rev. B, 136, 1298-1305 (1964)</i> <i>Comment : R. 6-21 MeV Dy -> He, N2, Ne, Ar, Kr, Xe</i>	1964-Gila 0185
1964	Lassen, N. O. RoyPoulsen, N. O. Sidenius, G. Vistisen, L. 'Stopping of 50 keV Ions in Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 34, No. 5, 1-20 (1964)</i> <i>Comment : R. (50 keV) Na, Ga, Au -> H2, D2, Ne, Ar, He, N2</i>	1964-Lass 0311
1965	Cano, G. L. Dressel, R. W. 'Energy Loss and Resultant Charge of Recoil Particles from Alpha Disintegration in Surface Deposits of 210Po and 241Am' <i>Phys. Rev A., 139, 1883-92 (1965).</i> <i>Comment : R. 103 keV 206Pb, 924 keV 239Np -> Ar</i>	1965-Cano 0230
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., 43, 323-29 (1965)</i> <i>Comment : S. 28 MeV He -> Au, Sn, Mylar</i>	1965-Hoso 0268
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	Hayden, H. C. Amme, R. C. 'Low Energy Ionization of Argon Atoms by Argon Atoms' <i>Phys. Rev., 141, 30-31 (1966)</i> <i>Comment : S. 30 - 2900 eV Ar -> Ar</i>	1966-Hayd 0238
1966	Mason, D. L. Prior, R. M. Quinton, A. R. 'The Energy Stragglng of 1 MeV Protons in Gases' <i>Nucl. Inst. Methods, 45, 41-44 (1966)</i> <i>Comment : dS. 1 MeV H -> H, He, N, O, Ar, Xe</i>	1966-Maso 0282
1966	Mulas, P. M. Axtmann, R. C. 'Energy Loss of Fission Fragments in Light Materials' <i>Phys. Rev., 146, 296-300 (1966)</i> <i>Comment : S. Fiss. Fragm. -> H2, D2, Mylar, N2</i>	1966-Mula 0259

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1966	Nielsen, O 'Specialeopgave' <i>Niels Bohr Institute, University of Copenhagen, Pp. 1-64 (1966)</i>	1966-Niel
	<i>Comment : S, dS. 50 keV C, Na, Cl, K, Mn, Y, Zn, Ag, Hf, Lu, Hg, Bi -> H2, D2, He, N2, Ne, Ar</i>	0396
1967	Cumming, J. B. Crespo, V. D. 'Energy Loss and Range of Fission Fragments in Solid Media' <i>Phys. Rev., 161, 287-93 (1967)</i>	1967-Cumm
	<i>Comment : S. Fission Fragments -> Mylar</i>	0306
1967	Hughes, S. 'The Range of 5-50 keV Heavy Ions in Various Gases' <i>Phys. Med. Biol., 12, 565-71 (1967)</i>	1967-Hugh
	<i>Comment : R. 5-50 keV H+ -> Ar, CO2, N2, CH4, C2H5, C2H4, C3H8, C4H10. 5-30 keV N+ -> CH4</i>	0642
1967	Wiechmann, W. Biersack, J. 'Reichweiten von Radium - 224 - Ruckstoss-Atomen in Gasen' <i>Nukleonika, 9, 399-400 (1967)</i>	1967-Wiec
	<i>Comment : R, dR. 96 keV 224Ra -> Ar, Ne, O2, N2, CH4, He, H2</i>	0296
1968	Biersack, J. P. 'Range of Recoil Atoms in Isotropic Stopping Materials' <i>Z. Physik, 211, 495-501 (1968)</i>	1968-Bier
	<i>Comment : R. (96-1335 keV) Al, Na, Mn, Mg, Co, Cu, Ra -> Al, Fe, Ni, Ar, Ne, O2, N2, CH4, He, H2, CuO, Al2O3</i>	0332
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>	1968-Cano
	<i>Comment : R. 103 keV 206Pb -> Ne, Ar, Xe, N2, Air, Hydrocarbons</i>	0331
1968	Hvelplund, P. 'Prisopgave' <i>Aarhus University P. 1-105 (In Danish) (1968)</i>	1968-Hvel
	<i>Comment : S, dS. Many Ions (H-Hg) at 50-500 keV -> H, He, Ne, Ar, Kr, Xe, Air</i>	0406
1968	Ormrod, J. H. 'Low-Energy Electronic Stopping Cross Sections in Nitrogen and Argon' <i>Can. J. Phys., 46, 497-502 (1968)</i>	1968-Ormr
	<i>Comment : S. (5-200 keV) H, D, He, B, C, N, O, F, Ne -> N, Ar</i>	0342
1968	Pierce, T. E. Blann, M. 'Stopping Powers and Ranges of 5-90 MeV S32, Cl35, Br79, and I127 Ions in H2, He, N2, Ar, and Kr: a Semiempirical Stopping Power Theory for Heavy Ions in Gases and Solids' <i>Phys. Rev., 173, 390-405 (1968)</i>	1968-Pier
	<i>Comment : S. 5-90 MeV 32S, 35Cl, 79Br, 127I -> H2, He, N2, Ar, Kr</i>	0354

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1968	Pierce, T. E. Bowman, W. W. Blann, M. 'Stopping Power of S32, Cl35, Br79 and I127 Ions in Mylar' <i>Phys. Rev.</i> , 172, 287-91 (1968) <i>Comment</i> : S. 15-95 MeV 32S, 35Cl, 30-90 MeV 79Br, 60-105 MeV 127I -> Mylar	1968-Pier2 0347
1968	RamanaMurthy, P. V. 'Relativistic Rise of the Most Probable Energy Loss in a Gas Proporitonall Counter' <i>Nucl. Inst. Methods</i> , 63, 77-82 (1968) <i>Comment</i> : S. 5-12 GeV/c Pi- -> Ar + 7% CO2	1968-Rama 0898
1969	Andreev, V. N. Nedopekin, V. G. Rogov, V. I. 'Long-Range Particles with Z > 2 in Ternary Fission of U235 by Thermal Neutrons' <i>Yaderna Fiz.</i> , 8, 38-49 (1969). [<i>Eng. Trans. Sov. J. Nucl. Phys.</i> , 8, 22-28 (1969)] <i>Comment</i> : S. 0.06-3.0 MeV Li, B; 0.2-10 MeV Ne, 0.1-7 MeV N -> Ar	1969-Andr 0405
1969	Andreev, V. N. Nedopekin, V. G. Rogov, V. I. 'Stopping Power of Argon for Ions with Z Ranging Between 3 and 13' <i>Zh. Eksp. Teor. Fiz.</i> , 56, 1504-07 (1969). [<i>Engl. Trans. Sov. Phys. JETP</i> , 29, 807-08 (1969)] <i>Comment</i> : S. (10-30 MeV) Li, C, N, Be, B, Ne, Ar -> Ar	1969-Andr2 0409
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 0381
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	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) <i>Comment</i> : S. 1-9 MeV He -> Ar	1970-Hank 0657
1970	Porter, L. E. McIntyre, L. C. Haeberli, W. 'Stopping Power of Havar for 2.5 to 7.0 MeV Deuterons.' <i>Nucl. Inst. Methods</i> , 89, 237-43 (1970) <i>Comment</i> : S. 2.5-7.0 MeV D -> Havar	1970-Port 0427
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

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1971	Bonderup, E. Hvelplund, P. 'Stopping Power and Energy Straggling of Swift Protons' <i>Phys. Rev. A, 4, 562-69 (1971)</i>	1971-Bond 0429
	<i>Comment : S,dS. 100-500 keV H -> H2, He, Air, Ne, Ar, Kr</i>	
1971	Chu, W. K. Powers, D. 'Energy Loss of Alpha Particles in Noble Gases from 0.3 - 2.0 MeV' <i>Phys. Rev. B, 4, 10-15 (1971)</i>	1971-Chu 0675
	<i>Comment : S. 0.3-2.0 MeV He -> He, Ne, Ar, Kr, Xe</i>	
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, 32, 397-403 (1971)</i>	1971-Doll 0680
	<i>Comment : S, dS. 6.62 MeV He -> Ne, Kr, Ar</i>	
1971	Hakim, M. Schafrir, N. H. ' ²⁵² Cf Fission Fragment Energy Loss Measurements in Elementary Gases and Solids as Compared with Theory' <i>Can. J. Phys., 49, 3024-35 (1971)</i>	1971-Haki 0432
	<i>Comment : S. Fiss. Fragm. -> H2 D2, He, C, N2 O2, Ne, Al, Ar, Ni, Cu, Kr, Ag, Xe, Au</i>	
1971	Hoyer, U. Waffler, H. 'Der Atomare Bremsquerschnitt von H2, D2, He, N2 und a Fur Alpha-Teilchen in Umladungsgebiet (0.5 < E < 2 MeV).' <i>Z. Naturforschg. 26A, 592-95 (1971)</i>	1971-Hoye 0431
	<i>Comment : S. 0.5-2.0 MeV He -> H2, D2, N2, Ar</i>	
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, 4, 1868-72 (1971)</i>	1971-Lang 0457
	<i>Comment : R. 0.2-2.0 MeV H, He -> N2, O2, Ar, Air. Ranges Deduced From Ionization.</i>	
1971	Leon, J. Steiger-Shafrir, N. H. 'Range and Range Straggling of 97 keV ²²⁴ Ra Particles in Gases' <i>Can. J. Phys., 49, 1004-17 (1971)</i>	1971-Leon 0446
	<i>Comment : R, dR. 97 keV ²²⁴Ra -> H2, He, N2, O2, Ne, Ar, Kr, Xe</i>	
1971	Pierson, W. R. Kummer, J. T. Brachuczek, W. 'Ranges of Recoil Atoms from the (n,gamma) Process' <i>Phys. Rev. B, 4, 2846-53 (1971)</i>	1971-Pier 0458
	<i>Comment : R. About 50 eV Au -> D, He, Ne, Ar, Xe</i>	
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>	1972-Haqu 0464
	<i>Comment : S,dS. 1-8 MeV He -> Ar</i>	

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1972	Langley, R. A. 'Range-Energy Relations for N, Na, and Ar Ions (0.3 - 2.0 MeV) in Ar, N ₂ , O ₂ , and Air.' <i>Phys. Rev. A, 6, 1863-69 (1972)</i> <i>Comment : R. 0.3-2.0 MeV N, Na -> Air; 0.3-1.0 MeV Ar -> Air, N₂, O₂, Ar</i>	1972-Lang 0451
1973	Al-Bedri, M. B. Harris, S. J. Sykes, D. A. 'The Dependence of Energy Stragglng 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-Al 0472
1973	Bertin, M. Bruno, M. Vannini, G. Vitale, A. 'Measurement of the Energy Loss in Argon of Fission Fragments Having Selected Masses' <i>Phys. Letters A, 43, 231-33 (1973)</i> <i>Comment : S. Fission Fragments -> Ar</i>	1973-Bert 0838
1973	Harris, F. Katsura, T. Parker, S. Peterson, V. Z. Ellsworth, R. W. 'The Experimental Identification of Individual Particles by the Observation of Transition Radiation in the X-Ray Region' <i>Nucl. Inst. Methods, 107, 413-22 (1973)</i> <i>Comment : dS. 3-GeV/c Pi- -> Ar + 7% CO₂</i>	1973-Harr 0916
1973	Jeanne, D. Lazeyras, P. Lehraus, I. Mathewson, R. Tejessy, W. 'High Energy Particle Identification using Multilayer Proportional Counters' <i>Nucl. Inst. Methods, 111, 287-300 (1973)</i> <i>Comment : S. 1.5-16 GeV/c H, Pi, K -> Ar + 5% CH₄</i>	1973-Jean 0625
1973	Schimmerling, W. Vosburgh, K. G. Todd, P. W. 'Measurements of Range in Matter for Relativistic Heavy Ions' <i>Phys. Rev. B, 7, 2895-99 (1973)</i> <i>Comment : R.(40-270 MeV) N, Ne, Ar -> Polyethylene, Polymethylacrylat, Al, Cu, Pb</i>	1973-Schi 0448
1974	Adlerholz, M. Lazeyras, P. Lehraus, I. Mathewson, R. Tejessy, W. 'High-Resolution Ionization Measurements in the Region of Relativistic Rise' <i>Nucl. Inst. Methods, 118, 419-30 (1974)</i> <i>Comment : S, dS. 9 GeV/c H, Pi -> Ar + 5% CH₄, 60% He + 30% Ar + 10% CH₄, Kr + 5% CH₄</i>	1974-Adle 0626
1974	Bontemps, A. Ligeon, E. Danielou, R. 'Channelling Studies of Ion Implantation Induced Lattice Defects in Zinc Telluride' <i>Rad. Effects, 22, 195-204 (1974)</i> <i>Comment : R, dR. 120 keV Ar -> Zinc Telluride</i>	1974-Bont 1277

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Al-Bedri, M. B. Harris, S. J. 'Energy Straggling of Fission Fragments in Gases and Solids' <i>Nucl. Inst. Methods, 124, 125-130 (1975)</i>	1975-AI 1273
	<i>Comment : dS. Cf Fiss. Frag. -> He, N, CO2, Ar, Kr, Ne, Air, Al, Ag, Cu, Au, CH4, Tissue Eq. Gas</i>	
1975	Duder, J. C. Clare, J. F. Naylor, N. 'Stopping Power of Havar for 0.8-3.9 MeV Deuterons and 2.9-6.0 MeV Protons.' <i>Nucl. Inst. Methods, 123, 89-91 (1975)</i>	1975-Dude 0523
	<i>Comment : S. 0.8-3.9 MeV D, 2.9-6.0 MeV H -> Havar (Mainly Co).</i>	
1975	Efken, B. Hahn, D. Hilscher, D. Wustefeld 'Energy Loss and Energy Loss Straggling of N, Ne and Ar Ions in Thin Targets' <i>Nucl. Inst. Methods, 129, 219-225 (1975).</i>	1975-Efke 0792
	<i>Comment : S, dS. (10-15 MeV) N, Ne, Ar -> N2, He, SFH, Ar, C, SF6,</i>	
1975	Shepard, C. L. Porter, L. E. 'Stopping Power of Several Composite Materials for 2.5 and 3.5 MeV Deuterons and 5.5 MeV Alpha Particles.' <i>Phys. Rev. B, 12, 1649-57 (1975)</i>	1975-Shep 0619
	<i>Comment : S. (2.4-5.4 MeV) D, He -> Havar, Mu-Metal, Permalloy, Mylar, Teflon</i>	
1975	Sidenius, G. Andersen, N. 'Multiple Scattering of keV Ions' Lateral Distributions in Argon and Nitrogen' <i>Nucl. Inst. Methods, 131, 387-389 (1975)</i>	1975-Side 1261
	<i>Comment : dR (lateral). (50-180 keV) H, He, N, Ne, Ar -> Ar, N, Xe</i>	
1976	Allison, W. W. M. Brooks, C. B. Bunch, J. N. Flemming, R. W. Yamamoto, R. K. 'The Ionisation Loss of Relativistic Charged Particles in Thin Gas Samples and Its Use for Particle Identification. II. Experimental Results.' <i>Nucl. Inst. Methods, 133, 325-34 (1976)</i>	1976-Alli 0868
	<i>Comment : S, dS. 25-150 GeV/c H, Pi -> Ar + 20% CO2</i>	
1976	Armbruster, P. Sistemich, K. Bocquet, J. P. Chauvin, Ch. Glaize, Y. 'Energy Straggling of Heavy Ions (A About 100, E/A About 1 MeV/amu) in Solids and Gases, the Limiting Factor of the Charge Resolving Power of Energy-Loss Detectors' <i>Nucl. Inst. Methods, 132, 120-32 (1976).</i>	1976-Armb 0863
	<i>Comment : dS. 90 MeV Kr, Rb -> Si; 84 MeV Y, Zr -> C; 83 MeV Kr -> Ar</i>	
1976	Forte, M. Bertin, A. Bruno, M. Vannini, G. Vitale, A. 'Experimental Study on the Energy Loss in Argon of 252Cf Fission Fragments' <i>Phys. Rev. B, 14, 956-968 (1976)</i>	1976-Fort 1077
	<i>Comment : S, dS. 60-125 MeV Fission Fragments -> Ar</i>	

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 0912
1977	Andersen, H. H. Besenbacher, F. Knudsen, H. 'Stopping Power and Straggling of 65 - 500 keV Lithium Ions in H ₂ , He, CO ₂ , N ₂ , O ₂ , Ne, Ar, Kr, and Xe' <i>Nucl. Inst. Methods, (1977) -b</i> <i>Comment : S, dS. 65 - 500 keV Li -> H₂, He, CO₂, N₂, O₂, Ne, Ar, Kr, Xe</i>	1977-Ande4 0930
1977	Besenbacher, F. 'Stopping Power and Straggling for H and He Ions in Gas Targets' <i>Specialeopgave. Aarhus University (1977)</i> <i>Comment : S. dS. 20-500 keV H, He -> H, He N, O, Ne, Ar, Kr, Xe, CO₂</i>	1977-Bese 0954
1978	Andersen, H. H. Besenbacher, F. Knudsen, H. 'Stopping Power and Straggling of 65-500 keV Lithium Ions in H, He, CO, N, O, Ne, Ar, Kr and Xe' <i>Nucl. Inst. Methods, 149, 121-127 (1978)</i> <i>Comment : S. Li (65-500 keV) -> H, He, CO₂, N, O, Ne, Ar, Kr, Xe</i>	1978-Ande 1492
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, 149, 115-120 (1978)</i> <i>Comment : S. 0.5-2.0 MeV He -> Solid Ar, O, CO₂</i>	1978-Chu 0963
1978	Schmidt-Bocking, H. Hornung, H. 'Energy Straggling of Cl Ions in Gases' <i>Z. Physik A, 286, 253-261 (1978)</i> <i>Comment : dS. 9.4, 17.1, 27.1, 39.4 MeV Cl -> Ar-CH₄, Isobutane</i>	1978-Schm 1246
1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects, 38, 3-13 (1978)</i> <i>Comment : R. 0.01 < Epsilon < 0.5 Rb, Cs, Fr -> Ar, N₂</i>	1978-Side 1095
1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects, 38, 3-13 (1978)</i> <i>Comment : R, dR. 20-120 keV Rb, Cs, Fr -> Ar, N</i>	1978-Side2 1354

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 1252
	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 1160
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 1193
	Foroughi, F. Vuilleumier, B. Bovet, E. 'Stopping Power and Multiple Scattering of Havar and Kapton for Low Energy Protons' <i>Nucl. Inst. Methods</i> , 159, 513-516 (1979) <i>Comment</i> : S. H (1.2-4.4 MeV) -> Havar, Kapton	1979-Foro 1646
1980	Besenbacher, F. Andersen, J. U. Bonderup, E. 'Straggling 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 1353
	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) <i>Comment</i> : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan	1980-Bimb 1408
1980	Thwaites, D. I. 'Stopping Cross Sections of Various Gases for Alpha Partifcles in the Energy Region 0.2-5.5 MeV' <i>Phys. Med. Biol.</i> , 25 (5), 865-875 (1980) <i>Comment</i> : S. He (0.2-5.5 MeV) -> He, N, Ar, CH4, Air	1980-Thwa 1489
	Besenbacher, F. Bottiger, J. Graversen, O. Hansen, J. Sorensen, H. 'Stopping Power of Solid Argon for Helium Ions' <i>Nucl. Inst. Methods</i> , 188, 657-667 (1981) <i>Comment</i> : S. He (0.5-2.8 MeV) -> Ar solid / gas	1981-Bese2 1544
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) <i>Comment</i> : S. He, Ne, Ar, Kr (40-200 keV) -> He, Ne, Ar, Kr, Xe (Note: stopping for ions of zero deflection)	1981-Fuku 1411

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1981	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, 188, 217 (1981)</i> <i>Comment : S. C, Ne, Ar, Fe (450-1870 MeV/amu) -> Ar (P-5) mixture</i>	1981-Naga 1724
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, 23, 1, 73-76 (1981)</i> <i>Comment : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO2, Lexan</i>	1981-Sala 1463
1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter' <i>Nucl. Inst. Methods, 194, 21-29 (1982)</i> <i>Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases</i>	1982-Geis 1417
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Geometric Effect on the Measurement of Stopping Power: Angular Dependent Energy Loss of 7 MeV Protons in Metallic and Organic Thin Foils' <i>Phys. Rev. A, 25, 2524 (1982)</i> <i>Comment : S. H (7 MeV) -> Be, Al, Ag, Mylar, Cellophane (Angular effects)</i>	1982-Ishi2 1676
1982	Laichter, Y. Geissel, H. Shafrir, N. H. 'On the Nuclear Charge and Atomic Mass of Attenuated Mean Fission Fragments' <i>Nucl. Inst. Methods, 194, 45-50 (1982)</i> <i>Comment : S. Fission Frag. (from Cr, U) -> N, Ne, Ar, Cr, Xe</i>	1982-Laic2 2002
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 1725
1983	Baumgart, H. Arnold, W. Berg, H. Huttel, E. Clausnitzer, G. 'Proton Stopping Powers in Various Gases' <i>Nucl. Inst. Methods, 204, 597 (1983)</i> <i>Comment : H (60-800 keV) -> H, He, N, O, Ne, Ar, Kr, Xe</i>	1983-Baum 1614
1983	Baumgart, H. Berg, H. Huttel, E. Pfaff, E. Reiter, G. 'He4 Stopping Cross Sections in H2, He, N2, O2, Ne, Ar, Kr, Xe, CH4 and CO2' <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 1450

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1983	Laichter, Y. Shafir, N. H. 'Fine Structure in the Stopping Powers and Ranges of Fission Fragments in Matter' <i>Nucl. Phys., A394, 77-86 (1983)</i> <i>Comment : S. Fission fragments (Cf-252) -> H, D, He, N, O, Ne, Ar, Kr, Xe</i>	1983-Laic 1696
1984	Govil, R. Kapoor, S. S. Nadkarni, D. M. Murthy, S. R. S. Rama Rao, P. N. 'Measurements of Specific Energy Losses of Individual Fission Fragments with a Back-to-Back dE-E Detector System' <i>Nucl. Inst. Methods, B4, 13 (1984)</i> <i>Comment : S. Fission Fragments from U(0.35-1.25 MeV/amu) -> Ar (P-5 gas)</i>	1984-Govi 1655
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 1757
1985	Rauhala, E. Raisanen, J. 'Energy Loss of 450-2400 keV Protons in Havar, Kapton and Aluminized Mylar Foils' <i>Nucl. Inst. Methods, B12, 321 (1985)</i> <i>Comment : S. H (450-2400 keV) -> Havar, Kapton, Mylar</i>	1985-Rauh 1741
1986	Bimbot, R. Gauvin, H. Orliange, I. 'Stopping Powers of Solids for Ar and Ca Ions at Intermediate Energies (20-80 MeV/amu)' <i>Nucl. Inst. Methods, B17, 1-10 (1986)</i> <i>Comment : S. Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1986-Bimb 1429
1986	Wang, K. M. Liu, X. J. Wang, Y. H. 'Range Distributions of 50-400 keV Hg in Amorphous Silicon wand Si-Ar Binary Targets' <i>Nucl. Inst. Methods, B17, 203-206 (1986)</i> <i>Comment : R, dR. Hg (50-400 keV) -> Si, SiAr</i>	1986-Wang 1524
1987	Gauvin, H. Bimbot, R. Herault, J. Anne, R. Bastin, G. 'Stopping Powers of Solids for 16O Ions at Intermediate Energies (20-95 MeV/amu)' <i>Nucl. Inst. Methods, B28, 191-194 (1987)</i> <i>Comment : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1987-Gauv 1400
1987	Raisanen, J. Rauhala, E. 'Stopping of Havar, Nickel, Kapton and Mylar for 5-19 MeV 16O Ions' <i>Phys. Rev. B, 36 (18) 9776-9780 (1987)</i> <i>Comment : S. O(5-19 MeV) -> Ni, Kapton. Havar, Mylar</i>	1987-Rais 1430

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Raisanen, J. Rauhala, E. 'Nitrogen Ion Energy Loss in Havar, Nickel, Kapton and Mylar Foils' <i>Phys. Rev. B, 35 (3), 1426-1428 (1987)</i> <i>Comment : S. N (6.1-16.9 MeV) -> Ni, Havar, Kapton, Mylar</i>	1987-Rais2 1496
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 1436
1988	Geissel, H. Laichter, Y. Schneider, W. F. W. Armbruster, P. 'Observation of a Gas-Solid Difference in the Stopping Powers of 1-10 MeV/amu Heavy Ions' <i>Phys. Letters, 88A, 26 (1988)</i> <i>Comment : S. Kr, Xe, Pb, U (1-10 MeV/amu) -> Ti, Ar, Zr, Kr. Gas/Solid stopping differences.</i>	1988-Geis 1969
1988	Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -> Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i>	1988-Hera 1972
1988	Rauhala, E. Raisanen, J. 'Stopping Powers of 0.5-8.3 MeV Protons in Havar, Nickel, Kapton and Mylar' <i>Nucl. Inst. Methods, B35, 130 (1988)</i> <i>Comment : S. H (0.5-8.3 MeV) -> Ni, Havar, Kapton, Mylar</i>	1988-Rauh 1742
1988	Rauhala, E. Raisanen, J. 'Stopping Powers and Energy Loss of 3-22 MeV 12C Ions in Havar, Nickel, Kapton and Mylar' <i>Phys. Rev. B, 37, 16, 9249-9253 (1988)</i> <i>Comment : S. C (3-22 MeV) -> Ni, Havar, Kapton, Mylar</i>	1988-Rauh2 1431
1989	Bimbot, R. Cabot, C. Gardes, H. Orliange, I. 'Stopping Power of Gases for Heavy Ions: Gas-Solid Effect II. 2-6 MeV/amu Cu, Kr and Ag Projectiles' <i>Nucl. Inst. Methods, B44, 19-34 (1989)</i> <i>Comment : S. Cu, Kr, Ag (2-5 MeV/amu) -> H, He, N, O, Ne, Ar, Kr, Xe (11 gases)</i>	1989-Bimb 1934
1989	Bimbot, R. Cabot, C. Gardes, D. Gauvin, H. Hingmann, R. 'Stopping Power of Gases for Heavy Ions: Gas-Solid Effects I. 2-13 MeV/amu Ne and Ar Projectiles' <i>Nucl. Inst. Methods, B44, 1-18 (1989)</i> <i>Comment : S. Ne, Ar (2-13 MeV/amu) -> H, He, N, O, Ne, Ar, Kr, Xe (12 gases)</i>	1989-Bimb2 1935

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1989	Bimbot, R. Gauvin, H. Herault, J. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Solids and Gases' <i>Rad. Effects, 110, 15-17 (1989)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (20-95 MeV/amu) -> 10 Gases, 12 Solids</i>	1989-Bimb3 1936
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, B39, 15-17 (1989)</i> <i>Comment : S. He (1.5-7.2 MeV) -> Havar, Ni, Kapton, Mylar</i>	1989-Kiss 1942
1989	Raisanen, J. Rauhala, E. 'Stopping Powers of Havar, Nickel, Kapton and Mylar for 3-18 MeV Lithium Ions' <i>Rad. Effects, 108, 21-26 (1989)</i> <i>Comment : S. Li (2.6-18 MeV) -> Havar, Ni, Kapton, Mylar</i>	1989-Rais 1938
1990	Gauvin, H. Bimbot, R. Herault, J. Kubica, B. Anne, R. 'Stopping Powers of Solids for Kr, Mo, and Xe Ions at Intermediate Energies (20-45 MeV/amu) and the Charge State Distributions at Equilibrium' <i>Nucl. Inst. Methods, B47, 339 (1990)</i> <i>Comment : S. Kr, Mo, Xe (25-45 MeV/amu) -> Be, Al, Ta, Au, C, V, Mylar</i>	1990-Gauv 1976
1990	Raisanen, J. Rauhala, E. 'Stopping Powers and Energy Loss of Mylar, Kapton, Havar and Ni for 10 Ions (Z= 3-17) in the Energy Range 0.2-2.1 MeV/amu' <i>Phys. Rev. B, 41, 3951-3958 (1990)</i> <i>Comment : S. B, C, N, O, Al, Si, P, Cl (0.2-2.1 MeV/amu) -> Mylar, Kapton, Havar, Ni</i>	1990-Rais 1929
1990	Reiter, G. Kniest, N. Pfaff, E. Clausnitzer, G. 'Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH4' <i>Nucl. Inst. Methods, B44, 399-411 (1990)</i> <i>Comment : S. H, He (0.7-3.0 MeV) -> H, He, N, O, Ne, Ar, Kr, Xe, CH4</i>	1990-Reit 1933
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, B52, 117-120 (1990)</i> <i>Comment : S. He (0.5-2.0 MeV) -> Mylar, Kapton, a-C:H</i>	1990-Taka 1918
1991	Herault, J. Bimbot, R. Gauvin, H. Kubica, B. Anne, R. 'Stopping Powers of Gases for Heavy Ions (O, Ar, Kr, Xe) at Intermediate Energy (20-100 MeV.amu). Vanishing of the Gas-Solid Effect' <i>Nucl. Inst. Methods, B61, 156-166 (1991)</i> <i>Comment : S. O, Ar, Kr, Xe (20-85 MeV/amu) -> He, O, N, (11 gases)</i>	1991-Hera 1908

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Price, J. L. Stern, S. H. Simons, D. G. Land, D. J. Brennan, J. G. 'Stopping Powers for 400-2400 keV N Ions in He and Ar' <i>Nucl. Inst. Methods, B56/57, 348-357 (1991)</i> <i>Comment : S. N (0.4-2.4 MeV) -> He, Ar</i>	1991-Pric 1984
1993	Auth, C. Winter, H. 'Energy Loss of 100 keV Protons in Single Collisions with Argon Atoms' <i>Phys. Letters A, 176, 109-112 (1993)</i> <i>Comment : S, dS. H (100 keV) -> Ar</i>	1993-Auth 1872
1993	Jin, C. Lu, X. Huang, X. Ye, Y. Xia, Z. 'Stopping Power of Mylar for Low Velocity B-11, C-12 and O-16 Ions' <i>Phys. Rev. B, 48, 6858-5861 (1993)</i> <i>Comment : S. B, C, O (1.0-6.0 MeV) -> Mylar</i>	1993-Jin 2 1864
1993	Novkovic, D. Subotic, K. Milosevic, Z. Manic, S. Stojanovic, M. 'Alpha Particle Energy Straggling 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 2077
1993	Price, J. L. Simons, D. G. Stern, S. H. Land, D. J. Guardala, N. A. 'Stopping Powers of the Noble Gases for 0.3-10.0 MeV Nitrogen Ions' <i>Phys. Rev. A, 47, 2913-2918 (1993)</i> <i>Comment : S. N (0.3-10.0 MeV) -> He, Ne, Ar, Kr, Xe</i>	1993-Pric 1873
1994	Auth, C. Winter, H. 'Impact Parameter Dependence of the Energy Loss of Fast Protons in Single Collisions with Noble Gas Atoms' <i>Nucl. Inst. Methods, B93, 123-131 (1994)</i> <i>Comment : S. H (50-250 keV) -> He, Ne Ar</i>	1994-Auth 1854
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 1813
1994	Pfutzner, M. Geissel, H. Munzenberg, G. Nickel, F. Scheidenberger, C. 'Energy Deposition by Heavy Ions in Thin Argon' <i>Nucl. Inst. Methods, B86, 213-218 (1994)</i> <i>Comment : S. Ar, Kr, Xe (100-950 MeV/amu) -> Ar</i>	1994-Pfut 1858
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 2043

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Raisanen, J. Rauhala, E. 'Stopping Powers of 0.4-0.9 MeV Na in Al, Au, Mylar, Havar and LR-115' <i>Rad. Effects, 128, 163-166 (1994)</i> <i>Comment : S. Na (0.4-0.9 MeV) -> Al, Au, Mylar, Havar and LR-115</i>	1994-Rais3 1535
1995	Mozumder, A. Doke, T. Takashima, T. 'Energy Partition between the Core and the Penumbra of Au, La, Fe and Na Ion Tracks in Liquid Argon from 1-1000 MeV/amu' <i>Nucl. Inst. Methods, A365, 600-602 (1995)</i> <i>Comment : S,R. Au, La, Fe,Na (1-1000 MeV/amu) -> Ar</i>	1995-Mozu 1838
1995	Shiomi Tsuda, N. Sakamoto, N. Ogawa, H. 'Stopping Powers of Mylar for Protons from 4 - 11.5 MeV' <i>Nucl. Inst. Methods, B103, 255-260 (1995)</i> <i>Comment : S. H (4.0-11.5 MeV) -> Mylar</i>	1995-Shio 2066
1995	Tomaschko, C. Brandl, D. Kuegler, R. Schurr, M. Voit, H. 'Energy Loss of MeV Carbon Cluster Ions in Matter' <i>Nucl. Inst. Methods, B103, 407-411 (1995)</i> <i>Comment : S. C(Clusters) 1.4-4.0 MeV -> C, Au, Formvar</i>	1995-Toma 1834
1996	Bimbot, R. Barbey, S. Benfoughal, T. Clapier, F. Mirea, M. 'Stopping Powers of Gases for Very Heavy Ions' <i>Nucl. Inst. Methods, B107, 9-14 (1996)</i> <i>Comment : S. U, Pb (24 MeV/amu, 29 MeV/amu) -> H, N, O, N, Ar, Kr, Xe</i>	1996-Bimb 1828
1996	Fukuda, A. 'Stopping Powers of the Rare Gases for 50-200 keV N+ Ions' <i>J. Phys. B, 29, 3717-3725 (1996)</i> <i>Comment : S. N (50-200 keV) -> He, Ne, Ar, Kr, Xe,</i>	1996-Fuku 1642
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, 13, 520-522 (1996)</i> <i>Comment : S, dS. He -> Havar</i>	1996-Lu 1336
1996	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Tanaka, M. Goto, T. 'Stopping Powers of Havar for Protons from 4.0 to 13.0 MeV' <i>Nucl. Inst. Methods, B117,343-346 (1996)</i> <i>Comment : S. H (4.0-13.0 MeV) -> Havar</i>	1996-Shio2 2354
1996	Tsuda, S. Sakamoto, N. Ogawa, N. Tanaka, M. Goto, T. 'Stopping Powers of Havar for Protons from 4.0 - 13.0 MeV' <i>Nucl. Inst. Methods, B117, 343-346 (1996)</i> <i>Comment : S. H (4.0-13.0 MeV) -> Havar</i>	1996-Tsud 2027

Citations for Target : **Ar**

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 2180
1997	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Tanaka, M. Saito, M. 'Stopping Powers of Mylar for Protons from 0.40 to 3.25 MeV' <i>Nucl. Inst. Methods, B</i> 129, 1-4 (1997) <i>Comment</i> : S. H (0.4-3.25 MeV) -> Mylar	1997-Tsud 2365
1998	Schmelmer, O. Dollinger, G. Frey, C. M. Bermaier, A. S=Karsch, S. 'Charge Dependent Energy Loss of 60 MeV Ni-58 (q+) Ions in Argon Gas' <i>Nucl. Inst. Methods, B</i> 146, 95-100 (1998) <i>Comment</i> : S. Ni (60 MeV) -> Ar as function of charge state of ion.	1998-Schm 2328
1998	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Saitoh, M. Kitoba, U. 'Stopping Powers of Havar for Protons from 0.45 to 3.0 MeV' <i>Nucl. Inst. Methods, B</i> 135, 118-123 (1998) <i>Comment</i> : S. H (.45 - 3 MeV) -> Havar	1998-Shia 2358
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 2374
1999	Munnik, F. Vakevainen, K. Raisanen, J. Watjen, U. 'Stopping Power Measurements of 0.5-10.5 MeV Li-7 Ions in Polyimide, Vyns, Formvar and Polysulfone' <i>L. Appl. Phys.</i> , 86, 3934-3938 (1999) <i>Comment</i> : S. Li -> polyimide, vyns, formvar, polysulfone	1999-Munn 2334
2000	Alanko, T. Hyvonen, J. Kyllonen, V. Raisanen, J. Virtanen, A. 'Stopping Powers of Havar for 1.6, 2.3 and 3.2 MeV/u Heavy Ions' <i>Nucl. Inst. Mehtods, B</i> 161-163, 1640167 (2000) <i>Comment</i> : S. I (1.4 - 3.2 MeV/u) -> havar	2000-Alan 2336
2000	Sharma, A. Kumar, S. Sharma, S. K. Diwan, P. K. Nath, N. 'Stopping Power of Mylar for Heavy Ions up to Copper' <i>Nucl. Inst. Methods, B</i> 170, 323-328 (2000) <i>Comment</i> : S. Na, Al, Cl, Sc, Ti, V, Cr, Mn, Ni, Cu (0.3 - 2.3 MeV/u) -> Mylar	2000-Shar 2341
2001	Alanko, T. Hyvonen, J. Kyllonen, V. Laitinen, P. Matilainen, A. 'Polycarbonate, Mylar and Havar Stopping Powers for 1.0 - 3.25 MeV/u 40-Ar Ions' <i>J. Phys.- Cond. Matter</i> , 13, 10777-10784 (2001) <i>Comment</i> : S. Ar (1.0-3.25 MeV/u) -> Poycarbonate, Mylar, Havar	2001-Alan 2409

Citations for Target : **Ar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2001	Diwan, P. K. Sharma, A. Kumar, S. 'Stopping Power for Heavy Ions ($2 < Z < 36$) in Solids at Energies about 0.5-2.5 MeV/u' <i>Nucl. Inst. Methods, B174, 267-273 (2001)</i> <i>Comment : S. Li, B, N, F, Na, Mg (0.5 - 2.5 MeV/u) -> Pd,Gd,Lu,Ta,Au,Ni,Cr39,CR-39,Mylar,Kapton,LR-115,Havar,Polycarbonate</i>	2001-Diwa 2343
2001	Diwan, P. K. Kumar, S. Singh, G. Singh, L. 'Energy Loss of Heavy Ions in Gases: A Comparative Study' <i>Rad. Meas., 33, 193-202 (2001)</i> <i>Comment : S. Ne, S,Cl,Ar,Cu,Kr (1 - 80 MeV/u) -> H,He, N,Ar,Ne,Xe,CH4,C4H10,CO2,CF4</i>	2001-Diwa2 2369
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
2002	Hakim, A. Fahli,A. Toulemonde, M. Lelievre, D. 'Stopping Powers of Al, Havar, Ni, Ti and Ta Media for 9.67 MeV/u 58-Ni and 9.5 MeV/u 18-O Ions' <i>Nucl. Inst. Methods, B187, 164-168 (2002)</i> <i>Comment : S. Ni, O -> Al, Havar, Ni, Ti, Ta</i>	2002-Haki 3110
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 3140
2004	Damache, S. Ouichaoui, S. Belhout, A. Medouni, A. Toumert, I 'Stopping of 236 keV – 3.019 MeV protons in mylar and polypropylene films' <i>Nucl. Instrum. Methods B225, 449 (2004)</i> <i>Comment : S. H (236-3019 keV) ->Mylar, Polypropylene</i>	2004-Dama 3205
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 16, 7663 (2004)</i> <i>Comment : S. H (0.63-5.9 MeV), He (2.6-24 MeV)->Havar</i>	2004-Port 3232
2005	Ammi, H. Zemih, R. Mammer, S. Allab, M. 'Mean excitation energies extracted from stopping power measurements of protons in polymers by using the modified Bethe–Bloch formula' <i>Nucl.Instrum.Methods B230, 68 (2005)</i> <i>Comment : S. H (1-3.5 MeV) ->LR115, Mylar, Polycarbonate, Polyprop.</i>	2005-Ammi 3201

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2006	Knyazheva, G. N. Khlebnikov, S. V. Kozulin, E. M. Kuzmina, T. E. 'Energy losses of 252Cf fission fragments in thin foils ' <i>Nucl.Instrum.Methods B248, 7 (2006)</i> <i>Comment : Zr,Tc,Rh, I, Cs,Ce (0.5-0.9 MeV/n)->C,Ni,Au,Mylar,AlOxide</i>	2006-Knya 3207
2010	Barbui, M. Fabris, D. Lunardon, M. Moretto, S. Nebbia, G. 'Energy loss of energetic /sup 40/Ar, /sup 84/Kr, /sup 197/Au and /sup 238/U ions in mylar, aluminum and isobutane' <i>Nucl.Instrum.Methods Phys.Res. B268, 20 (2010)</i> <i>Comment : S. Ar, Kr, Au, U -> Al, Mylar, Butane at many energies</i>	2010-Barb 3152
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 3162