

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

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Harley, N. H. Pasternack, B. S. 'Alpha Absorption Measurements Applied to Lung Dose from Radon Daughters' <i>Health Phys.</i> , 23, 771-82 (1972) <i>Comment</i> : S. 0.5-7.5 MeV He -> Polycarbonate (Lung dose)	1972-Harl 0907
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	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 0500
1974	Bontemps, A. Ligeon, E. Fonteville, J. 'Energy Loss and Projected Range of Alpha Particles in Zinc Telluride' <i>Rad. Effects</i> , 21, 181-84 (1974) <i>Comment</i> : S. 0.3-2.0 MeV He -> ZnTe	1974-Bont2 0632
1976	Harley, N. H. Pasternack, B. S. 'Experimental Absorption Applied to Lung Dose from Thoron Daughters' <i>Health Phys.</i> , 24, 379-86 (1976) <i>Comment</i> : S. 0.2-8.5 MeV He -> Polycarbonate (Lung dose)	1976-Harl 0906
1977	Pape, A. Hage-Ali, M. Refaei, S. M. Siffert, P. Cooperman, E. L. 'Stopping Power and Stragglings of H and 4He in ZnTe and CdTe' <i>Rad. Effects</i> , 33, 193-197 (1977) <i>Comment</i> : S, dS. 500-2800 keV H, He -> ZnTe, CdTe	1977-Pape 0947
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
1996	Narumi, K. Kato, F. Fujii, Y. Kimura, K. Mannami, M. 'Position 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 2030
1999	Salah, H. Touchrift, B. Saad, M. 'The Influence of Physical State and Chemical Binding on the Energy Loss of Makrofol KG Polycarbonate for Helium Ions' <i>Nucl. Inst. Methods</i> , B 139, 382-388 (1998) <i>Comment</i> : S. He (1 - 4 MeV) -> Makrofol KG Polycarbonate	1998-Sala 2357

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2003	Raisanen, J. Trzska, 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 3230
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 3216
2007	Hsu, J.Y. Liang, J.H. Yu, Y.C. Chen, K.M. 'Stopping forces of 3He and 6Li 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 3165
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 3166