

Citations for Target : **Ethylene**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1974	Lagerlund, T. A. Blecher, B. Gotow, K. Keller, R. Lam, W. C. 'Range and Multiple-Scattering Measurements of Low-Energy Muons' <i>Nucl. Inst. Methods, 120, 521-24 (1974)</i> <i>Comment : R. 9-25 MeV Mu+ -> Al, Steel, Polyethylene</i>	1974-Lage 0635
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. 5629, 115-120 (1976)</i> <i>Comment : S. He (1.5-4.2 MeV) -> Ethylene, Polyethylene</i>	1976-Whil 1586
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., 23, 416-425 (1978)</i> <i>Comment : S. He (1.5-4.2 MeV) -> Ethylene, Polyethylene. Gas/solid stopping effects.</i>	1978-Whil 1538
1979	Aframian, A. 'Dependence of the Stopping Power of Charged Particles in the Physical State of Organic Dielectric Compounds' <i>Appl. Phys., 19, 353-358 (1979)</i> <i>Comment : S. He, Ar, Kr (1-40 MeV/amu) -> Cell-Nitrate, Polyethylene, Polystyrene, Mylar, Melinex</i>	1979-Afra 1252
1979	Whillock, M. J. Edwards, A. A. 'Determination of the Stopping Cross Sections of N, H, CH₄, C₄H₁₀ and C₃H₆ 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 1540
1980	Haque, A. K. M. M. Nikjoo, H. Mohammadi, A. 'The Stopping Power and Straggling of Energy Loss for Alpha Particles in Liquids and Their Vapours and for Protons in Thin Polymer Films' <i>Proc. 7th Sym. Microdosimetry, EurAtom Rpt. 7147, 179-190 (1980)</i> <i>Comment : S,R. H (340 keV) -> Polyethylene, CH₂. Liquid and gas stopping. Difficult paper to understand.</i>	1980-Haqu 1542
1989	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. 'Stopping Power for Low Energy Protons' <i>J. Phys. D, 22, 1196-1204 (1989)</i> <i>Comment : S, dS. H (20-400 keV) -> Hydrocarbons such as ethylene, propylene, styrene, etc. Solid vs. Gas phase effects + straggling</i>	1989-Haqu 2187

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1993	Balanzat, E. Bouffard, S. Le Moel, A. Betz, N. 'Physico Chemical Modification Induced in Polymers by Swift Heavy Ions' <i>Nucl. Inst. Methods, B91, 140-145 (1994)</i> <i>Comment : S. C, Ar, Kr (3-6 MeV/amu) -> Polyethylene, PVDF.</i>	1993-Bala 2042