

Supplementary Material

1 SUPPLEMENTARY FIGURES

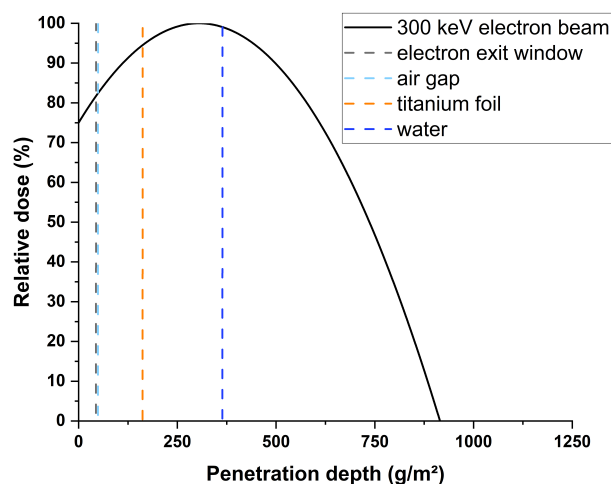


Figure S1. Relative dose depth curve within the irradiation set up: The maximum is reached within the liquid (after exiting the titanium foil); the dose gradient is approximately 9 % within water (room temperature)

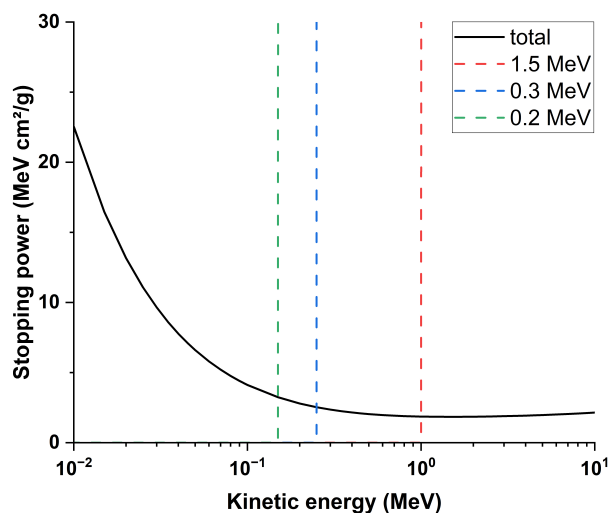


Figure S2. Total stopping power calculated by ESTAR in MeV cm²/g over an energy range from 10 keV to 100 MeV. Stopping power of 1.5 MeV (red dashed line) marked at 1.84 MeV cm²/g, of 0.3 MeV at 2.36 MeV cm²/g (blue dashed line) and 0.2 MeV at 2.80 MeV cm²/g (green dashed line)

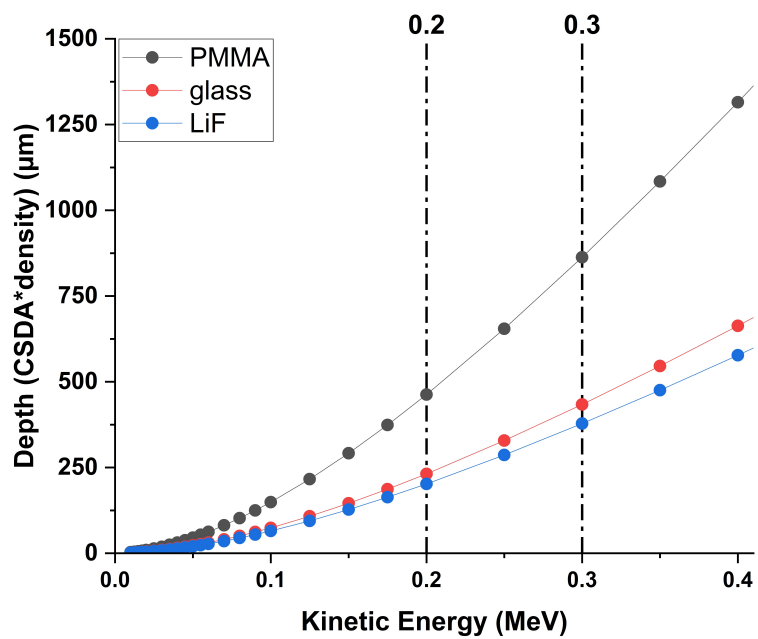


Figure S3. Penetration depth of 0.2 MeV and 0.3 MeV in three different materials: polymethylmethacrylate, glass and lithium fluoride. Depth estimated from CSDA range (acquired by ESTAR)