

n\_TOF Collaboration(Alcayne, V. et al), Balibrea-Correa, J., Domingo-Pardo, C., Lerendegui-Marco, J., Babiano-Suarez, V., & Ladarescu, I. (2024). A Segmented Total Energy Detector (sTED) optimized for  $(n,\bar{I}^3)$  cross-section measurements at n\_TOF EAR2. *Radiat. Phys. Chem.*, 217, 11pp.