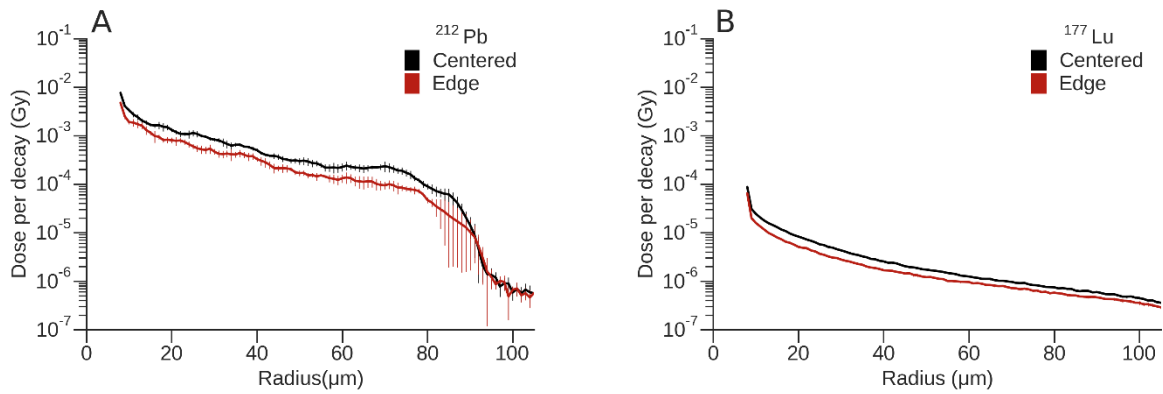
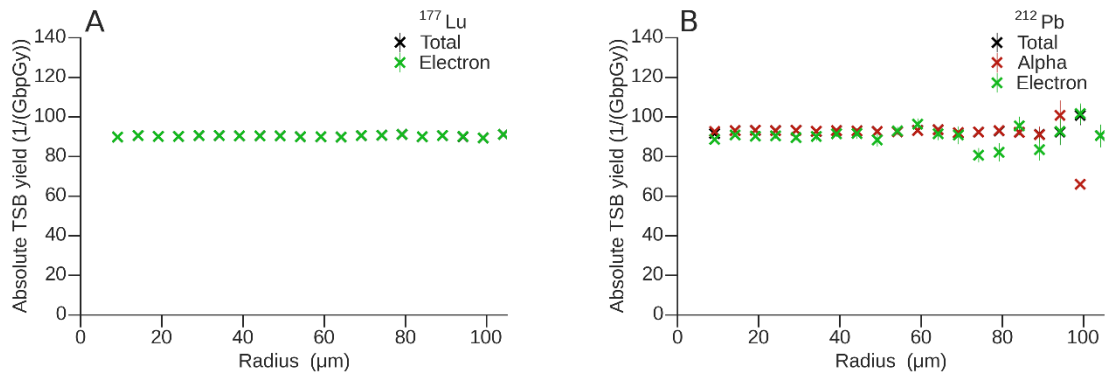


Supplementary Material



Supplementary Figure 1. Variation of dose per event as a function of detector position for (A) ^{177}Lu and (B) ^{212}Pb for a vessel of diameter 15 μm and active length 100 μm . Centered corresponds to detector being placed at the centre of the vessel and edge refers to a 50 μm shift along the vessel, such that the center of the detector region is at the edge of the active region.



Supplementary Figure 2. Total strand break yields obtained for (A) ^{177}Lu and (B) ^{212}Pb .