PC3-Flu, Centrally Dist. Nuclei,  $d_{nuc} = 5 \mu m$ , Activity = 25kBq / 1mL hDose 212Pb PC3 Flu 25kBq TotalCell mGyBinnin Cell Component 78398 Total Cell 0.03011  $10^{-1}$ Membrane .04426 Fraction of cells in sample / 1 mGy bin Cytoplasm 10<sup>-2</sup> **Nucleus**  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$  $10^{-7}$ 10<sup>-8</sup>  $10^{-9}$ 10<sup>-10</sup> 2.5 Dose Delivered [Gy]