PC3-PIP, Centrally Dist. Nuclei,  $d_{nuc} = 5 \mu m$ , Activity = 25kBq / 1mL hDose\_212Pb\_PC3\_PIP\_25kBq\_TotalCell\_mGyBinnin Cell Component 19630 Total Cell 2.244  $10^{-1}$ Membrane 0.3285 Fraction of cells in sample / 1 mGy bin Cytoplasm  $10^{-2}$ **Nucleus** 10<sup>-3</sup>  $10^{-4}$  $10^{-5}$ 10<sup>-6</sup>  $10^{-7}$ 10<sup>-8</sup>  $10^{-9}$ 10<sup>-10</sup> 20 40 60 120 140 160 180 200 80 100 Dose Delivered [Gy]