PC3-PIP, Centrally Dist. Nuclei, $d_{nuc} = 5 \mu m$, Activity = 25kBq / 1mL Cell Component 19630 Total Cell 42.78 10^{-1} Membrane 6.261 Fraction of cells in sample / 10 keV bin Cytoplasm 10⁻² **Nucleus** 10⁻³ 10^{-4} 10^{-5} 10^{-6} 10^{-7} 10⁻⁸ 10^{-9} 10⁻¹⁰ 10 20 30 40 50 60 Energy Deposited [MeV]