C4-2, Uniformly Dist. Nuclei, $d_{nuc} = 5 \mu m$, Activity = 25kBq / 1mL Cell Component 78520 Total Cell 4.946 10^{-1} Membrane 2.046 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 2 8 10 12 16 4 Energy Deposited [MeV]