C4-2, Centrally Dist. Nuclei, $d_{nuc} = 12 \mu m$, Activity = 25kBq / 1mL Cell Component 78520 Total Cell 4.828 10^{-1} Membrane 2.027 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 12 16 4 10 Energy Deposited [MeV]