C4-2, Centrally Dist. Nuclei, $d_{nuc} = 12 \mu m$, Activity = 25kBq / 1mL Cell Component Total Cell 0.16 Membrane Fraction of cells in sample / 10 keV bin Cytoplasm 0.14 Nucleus 0.12 0.1 0.08 0.06 0.04 0.02 0, 2 4 10 12 14 16 Energy Deposited [MeV]