NOvA Simulation 10^{-3} CC Events / ton / GeV / $5 imes10^{13}$ POT **Neutrino Beam NOvA Near Detector** Flux 1-5 GeV 96.3% ν_{u} $2.7\% \overline{\nu}_{\mu}$ 1.1% $v_e + \overline{v}_e$ Neutrino energy (GeV)