$\nu_{\mu}$  Selection Events  $\nu_e$  intrinsic + LEE ν\_e intrinsic 3000 - fake data 2500 2000 1500 1000 500 uncertainties 2.5 1.5 0.5 0.2 0.6 0.4 0.8 1.2 1.4 Neutrino Energy [GeV]