Direction Resolution $\times 10^3$ Number of Neutrino Events 8 0 1 FHC $\nu_{\mu}\,\rightarrow\,\nu_{\mu}$ MC X-direction Y-direction **Z-direction** 6 4 -0.8 -0.6 -0.4 -0.20.2 0.6 0.8 (d^{true}-d^{reco}) 0.4