Neutrino Energy Resolution w/o Truth Neutrons $\times 10^3$ Number of Neutrino Events 16 FHC $\nu_{\mu} \rightarrow \nu_{\mu}$ MC (w/o truth neutrons) CCQE(1p1h) 14 CC(2p2h+others) $CCRES(\Delta^{+})$ 12 $CCRES(\Delta^{++})$ 10 $CCRES(\Delta^0)$ NC 8 6 4 2 0 -0.8 -0.6 -0.2 0.2 0.4 0.6 0.8 (E^{true}-E^{reco})/E^{true} -0.4