NCpi0BDT_bnb_12_nc_transferred_energy_all Exent counts 1600 1400 ΣData/ΣPrediction=0.86±0.21 POT: 6.37e+20 $\gamma^2/\text{ndf}=7.0/24$ POT: 6.37e+20BNB Data, 6369.0Cosmic, 177.7Dirt, 73.0NC π^0 COH, 105.2NC π^0 RES, 2748.0NC π^0 MEC, 1.9NC Other, 501.3Pred. Uncertainty EXT, 737.6 Out FV, 719.3 $NC\pi^{0}$ QE, 26.4 $NC\pi^{0}$ DIS, 530.1 $CC\pi^{0}$, 1069.8 CC Other, 633.8 1200 $\nu_e/\overline{\nu}_e$ CC, 40.3 1000 800 600 400 200 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 + Reweight .4 1200 1400 160 Transferred Energy [MeV] 200 400 600 800 1000 1600