NCpi0BDT_Np_bnb_12_nc_transferred_energy_all Event counts ΣData/ΣPrediction=0.74±0.24 POT: 6.37e+20 $\gamma^2/\text{ndf}=4.0/24$ PO1: 6.37e+20BNB Data, 2571.0 Cosmic, 79.8 Dirt, 16.0 NC π^0 COH, 5.0 NC π^0 RES, 1457.9 NC π^0 MEC, 1.4 NC Other, 270.3 Pred. Uncertainty EXT, 263.4 Out FV, 214.0 $NC\pi^0$ QE, 17.6 $NC\pi^0$ DIS, 276.5 $CC\pi^0$, 499.7 CC Other, 373.2 700 600 v_e/\overline{v}_e CC, 13.6 500 400 300 200 100 2 1.8 1.6 Data/Prediction Total Uncertainty Stat. + Flux + Genie + GEANT4 + Reweight .4 .2 0.8 0.6 0.4 0.2 0 1200 1400 160 Transferred Energy [MeV] 200 400 600 800 1000 1600