NCpi0BDT_Np_bnb_12_nc_transferred_energy_all Event counts 700 Σ Data/ Σ Prediction=0.86 \pm 0.28 POT: 6.37e+20 $\gamma^2/\text{ndf} = 4.6/25$ PO1: 6.37e+20BNB Data, 2589.0 Cosmic, 74.8 Dirt, 16.0 NC π^0 COH, 5.4 NC π^0 RES, 1015.0 NC π^0 MEC, 0.9 NC Other, 279.5 v_e/\overline{v}_e CC, 14.9 Pred. Uncertainty EXT, 267.1 Out FV, 202.1 $NC\pi^0$ QE, 11.8 $NC\pi^0$ DIS, 230.9 $CC\pi^0$, 505.4 CC Other, 378.3 600 500 400 300 200 100 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight .4 1500 Transferred Energy [MeV] 500 1000