NCpi0BDT_0p_bnb_12_nc_transferred_energy_all Event counts ΣData/ΣPrediction=0.95±0.19 $\chi^2/\text{ndf}=12.3/15$ Pred. Uncertainty EXT, 477.0 Out FV, 585.3 NC π^0 QE, 13.3 NC π^0 DIS, 335.8 CC π^0 , 709.5 CC Other, 332.0 POT: 6.37e+20 2000 PO1: 6.3/e+20 BNB Data, 4551.0 Cosmic, 120.5 Dirt, 63.5 NC π^0 COH, 103.4 NC π^0 RES, 1689.5 NC π^0 MEC, 0.7 NC Other, 306.9 v_e/\overline{v}_e CC, 29.5 1500 1000 500 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 1.4 1.2 0.8 0.6 0.4 0.2 0

200

400

600

800

1200 1400 Transferred Energy [MeV]

1000