NCpi0BDT_PC_0p_bnb_12_pi0_momentum_all Event counts ΣData/ΣPrediction=0.91±0.17 $\chi^2/\text{ndf} = 3.8/12$ Pred. Uncertainty EXT, 180.9 Out FV, 188.7 NC π^0 QE, 1.1 NC π^0 DIS, 31.7 CC π^0 , 173.9 CC Other, 90.5 400 POT: 6.37e+20 PO1: 6.3/e+20BNB Data, 809.0Cosmic, 29.4Dirt, 17.9NC π^0 COH, 12.6NC π^0 RES, 126.7NC π^0 MEC, 0.0NC Other, 34.6 v_e/\overline{v}_e CC, 2.3350 300 250 200 150 100 50 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 + Reweight .4 0.8 0.6 0.4 0.2 0 π^0 Momentum [MeV/c] 200 400 600 800 1200