NCpi0BDT_PC_bnb_4_pi0_momentum_all Event counts ΣData/ΣPrediction=1.22±0.25 χ^2 /ndf=5.3/12 Pred. Uncertainty EXT, 0.0 Out FV, 346.9 NC π^0 QE, 1.5 NC π^0 DIS, 76.8 CC π^0 , 334.2 CC Other, 223.1 800 POT: 7.24e+20 POT: 7.24e+20 BNB Data, 1781.0 Cosmic, 54.9 Dirt, 0.0 NC π^0 COH, 18.8 NC π^0 RES, 320.0 NC π^0 MEC, 0.0 NC Other, 77.4 v_e/\overline{v}_e CC, 7.4 700 600 500 400 300 200 100 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 1.4 1.2 0.8 0.6 0.4 0.2 1000 120 π^0 Momentum [MeV/c] 200 400 800 600 1200