NCpi0BDT_PC_Np_bnb_12_gamma_gamma_angle_all Event counts Σ Data/ Σ Prediction=0.83 \pm 0.24 80 χ²/ndf=4.2/24 Pred. Uncertainty POT: 6.37e+20 BNB Data, 397.0 Cosmic, 17.3 Dirt, 2.4 EXT, 36.9 Out FV, 78.9 70 $NC\pi^{0}$ COH, 0.1 $NC\pi^{0}$ RES, 111.1 $NC\pi^{0}$ MEC, 0.1 NC Other, 22.9 v_{e}/\overline{v}_{e} CC, 4.4 $NC\pi^{0}$ QE, 1.0 $NC\pi^{0}$ DIS, 25.6 $CC\pi^{0}$, 93.2 CC Other, 86.6 60 50 40 30 20 10 1.8 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 + Reweight 1.4 1.2

