NCpi0BDT_Np_bnb_12_pi0_mass_gamma_all Event counts Σ Data/ Σ Prediction=0.74 \pm 0.24 χ²/ndf=11.1/34 Pred. Uncertainty POT: 6.37e+20 BNB Data, 2589.0 Cosmic, 80.8 Dirt, 16.0 NCπ⁰ COH, 5.4 NCπ⁰ RES, 1457.1 NCπ⁰ MEC, 1.4 NC Other, 258.0 800 EXT, 271.3 Out FV, 214.4 $NC\pi^0$ QE, 17.6 $NC\pi^0$ DIS, 280.0 $CC\pi^0$, 501.3 CC Other, 375.5 700 600 v_e/\overline{v}_e CC, 18.8 500 400 300 200 100 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 + Reweight 1.4 1.2 0.8 0.6 0.4 0.2 0 $350 ext{ Mass [MeV/c}^2]$ 50 200 250 100 150 300 400