NCpi0BDT\_PC\_0p\_bnb\_12\_pi0\_mass\_gamma\_all Event counts ΣData/ΣPrediction=0.92±0.17 χ²/ndf=6.6/34 Pred. Uncertainty POT: 6.37e+20 PO1: 6.3/e+20BNB Data, 872.0Cosmic, 32.6Dirt, 19.2NC $\pi^0$  COH, 13.3NC $\pi^0$  RES, 131.6NC $\pi^0$  MEC, 0.0NC Other, 33.6 $v_e/\overline{v}_e$  CC, 4.7160 EXT, 197.9 Out FV, 200.2 NCπ<sup>0</sup> QE, 1.1 140 NC $\pi^0$  DIS, 33.5 CC $\pi^0$ , 180.8 CC Other, 94.6 120 100 80 60 40 20 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Genie + GEANT4 + Reweight .4 0.8 0.6 0.4 0.2 0 50 250 300 100 150 200 350 400  $\pi^0$  Mass [MeV/c<sup>2</sup>]