NCpi0BDT\_PC\_Np\_bnb\_12\_pi0\_mass\_gamma\_all Event counts  $\Sigma$ Data/ $\Sigma$ Prediction=0.90 $\pm$ 0.25  $\chi^2$ /ndf=8.3/34 Pred. Uncertainty EXT, 84.0 Out FV, 114.4 NC $\pi^0$  QE, 0.9 NC $\pi^0$  DIS, 32.7 CC $\pi^0$ , 128.1 CC Other, 113.3 POT: 6.37e+20 120 PO1: 6.3/e+20BNB Data, 575.0 Cosmic, 20.7 Dirt, 4.5 NC $\pi^0$  COH, 0.9 NC $\pi^0$  RES, 102.7 NC $\pi^0$  MEC, 0.1 NC Other, 32.9  $v_e/\overline{v}_e$  CC, 6.4 100 80 60 40 20 1.8 1.6 Data/Prediction Stat. + Flux + Cross Sec. + Reweight **Total Uncertainty** .4 0.8 0.6 0.4 0.2 0 350 40  $\pi^0$  Mass [MeV/c<sup>2</sup>] 50 100 150 200 250 300 400