NCpi0BDT_PC_0p_bnb_12_pi0_mass_gamma_all Event counts Σ Data/ Σ Prediction=0.96±0.18 χ^2 /ndf=8.0/34 Pred. Uncertainty EXT, 197.9 Out FV, 189.4 NCπ⁰ QE, 1.0 NCπ⁰ DIS, 32.0 CCπ⁰, 180.8 CC Other, 94.6 POT: 6.37e+20 PO1: 6.3/e+20 BNB Data, 872.0 Cosmic, 32.8 Dirt, 19.2 NC π^0 COH, 14.4 NC π^0 RES, 114.7 NC π^0 MEC, 0.0 NC Other, 31.1 v_e/\overline{v}_e CC, 4.7 160 140 120 100 80 60 40 20 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight .4 0.8 0.6 0.4 0.2 0 50 150 300 $\begin{array}{c} 350 & \overline{400} \\ \pi^0 \text{ Mass [MeV/c}^2] \end{array}$ 100 200 250