NCpi0BDT_PC_Np_bnb_12_kine_pio_phi_low_all Event counts Σ Data/ Σ Prediction=0.81 \pm 0.22 POT: 6.37e+20 $\chi^2/\text{ndf}=4.1/24$ BNB Data, 585.0 Cosmic, 23.7 Dirt, 4.5 NCT⁰ COH, 1.2 Pred. Uncertainty 70 EXT, 88.5 Out FV, 121.3 $NC\pi_0^0$ QE, 1.3 $NC\pi^{0}$ RES, 151.3 $NC\pi^{0}$ MEC, 0.1 NC Other, 37.2 60 NCπ⁰ DIS, 36.9 CCπ⁰, 132.1 CC Other, 116.3 v_e/\overline{v}_e CC, 6.6 50 40 30 20 10 Total Uncertainty Stat. + Flux + Genie + GEANT4 + Reweight

