NCpi0BDT_Np_bnb_12_kine_pio_gap_low_all Event counts Σ Data/ Σ Prediction=0.88 \pm 0.30 χ²/ndf=7.4/20 Pred. Uncertainty POT: 6.37e+20 BNB Data, 2076.0 Cosmic, 49.8 Dirt, 10.6 NCπ⁰ COH, 3.5 NCπ⁰ RES, 822.9 NCπ⁰ MEC, 0.7 NC Other, 214.9 EXT, 202.5 Out FV, 152.3 600 $NC\pi^{0}$ QE, 9.3 $NC\pi^{0}$ DIS, 186.0 $CC\pi^{0}$, 424.3 CC Other, 271.7 500 v_e/\overline{v}_e CC, 8.7 400 300 200 100 2 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight 1.4 1.2 0.6 0.4 0.2 0 10 20 40 Sub-leading shower Conversion Distance [cm]