NCpi0BDT_FC_Np_bnb_12_pi0_costheta_all Event counts Σ Data/ Σ Prediction=0.74±0.18 $\chi^2/\text{ndf}=16.5/25$ Pred. Uncertainty EXT, 188.4 Out FV, 95.1 NC π^0 QE, 16.3 NC π^0 DIS, 246.8 NC π^0 other, 0.0 NC Other, 141.0 600 POT: 6.37e+20 POT: 6.3/e+20 BNB Data, 2036.0 Cosmic, 57.9 Dirt, 11.5 NCπ⁰ COH, 4.5 NCπ⁰ RES, 1312.4 NCπ⁰ MEC, 1.2 CCπ⁰, 414.7 CC Other, 239.5 500 v_e/\overline{v}_e CC, 13.8 400 300 200 100 2 1.8 1.6 1.4 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. 1.4 1.2 1 0.8 0.6 0.4 0.2 0 -0.5 0.5 0 $\pi^0 \cos\,\theta$