

NCpi0BDT_Np_bnb_12_pi0_costheta_CM_all Event counts 250 ΣData/ΣPrediction=0.76±0.17 POT: 6.37e+20 χ^2 /ndf=18.9/35 BNB Data, 2621.0 Pred. Uncertainty Cosmic, 81.6 EXT, 276.9 Dirt, 16.0 Out FV, 216.4 200 $NC\pi^0$ COH, 5.7 $NC\pi^0$ non-COH, 1766.5 $CC\pi^{0}$, 567.0 NC Other, 157.6 CC Other, 335.6 v_e/\overline{v}_e CC, 20.4 150 100 50 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. .4 0.2 0.8 0.4 0.6 $\pi^0\cos\,\theta_{CM}^{}$