NCpi0BDT\_Np\_bnb\_12\_pi0\_phi\_all Event counts  $\Sigma$ Data/ $\Sigma$ Prediction=0.76±0.17 POT: 6.37e+20  $\chi^2/\text{ndf}=25.0/24$ 250 BNB Data, 2621.0 Pred. Uncertainty Cosmic, 81.6 EXT, 276.9 Dirt, 16.0 Out FV, 216.4  $NC\pi^0$  COH, 5.7  $NC\pi^0$  non-COH, 1766.5 200  $CC\pi^{0}$ , 567.0 NC Other, 157.6 CC Other, 335.6  $v_e/\overline{v}_e$  CC, 20.4 150 100 50 1.8 1.6 1.4 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. .4  $0.8 \\ 0.6 \\ 0.4 \\ 0.2 \\ 0$ -20  $\pi^0$   $\phi$  [degree]