NCpi0BDT2_bnb_12_corrected_visible_energy_all Event counts ΣData/ΣPrediction=0.89±0.18 χ²/ndf=11.7/20 Pred. Uncertainty POT: 6.37e+20 PO1: 6.37e+20 BNB Data, 6354.0 Cosmic, 177.2 Dirt, 733.7 NC π^0 COH, 104.7 NC π^0 RES, 2745.0 NC π^0 MEC, 1.9 CC π^0 , 1145.8 CC Other, 544.2 EXT, 73.0 Out FV, 718.1 $NC\pi^{0}$ QE, 26.2 $NC\pi^{0}$ DIS, 527.6 $NC\pi^{0}$ other, 0.0 NC Other, 298.2 v_{e}/\overline{v}_{e} CC, 39.9 1500 1000 500 1.8 1.6 1.4 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. .4 $0.8 \\ 0.6 \\ 0.4 \\ 0.2 \\ 0$ 000 1200 1400 Corrected Visible Energy [MeV] 200 400 600 800 1000