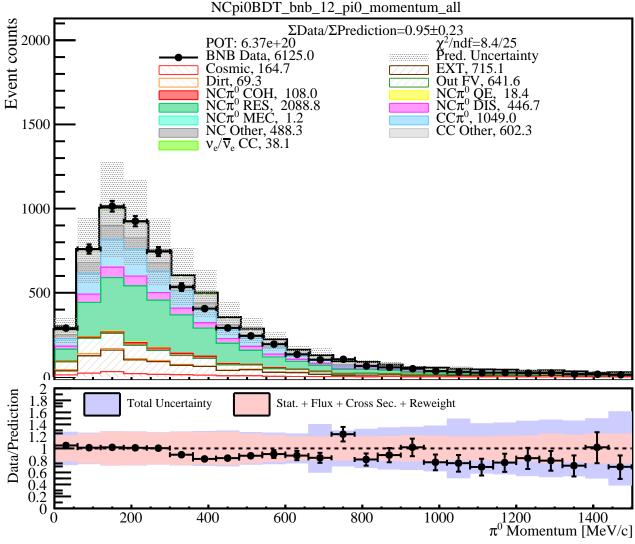
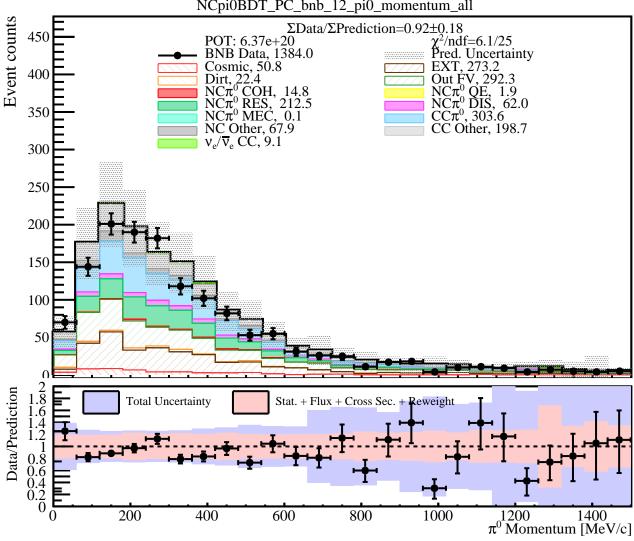
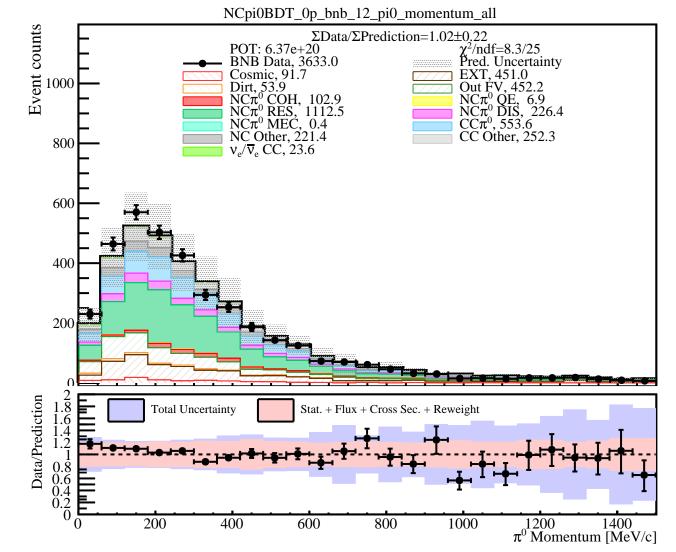
NCpi0BDT_bnb_12_pi0_momentum_all

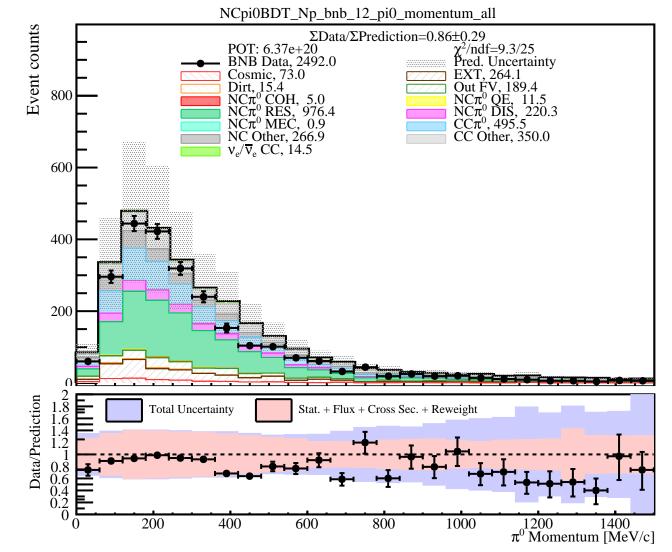


NCpi0BDT_FC_bnb_12_pi0_momentum_all Event counts ΣData/ΣPrediction=0.96±0.25 χ^2 /ndf=8.7/25 Pred. Uncertainty EXT, 442.0 Out FV, 349.3 NC π^0 QE, 16.5 NC π^0 DIS, 384.7 CC π^0 , 745.4 CC Other, 403.6 600 POT: 6.37e+20 PO1: 6.3/e+20 BNB Data, 4741.0 Cosmic, 113.9 Dirt, 46.9 NC π^0 COH, 93.2 NC π^0 RES, 1876.3 NC π^0 MEC, 1.1 NC Other, 420.4 v_e/\overline{v}_e CC, 29.0 400 1200 1000 800 600 400 200 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight .4 0.8 0.6 0.4 0.2 1200 1400 π^0 Momentum [MeV/c] 200 400 1000 600 800

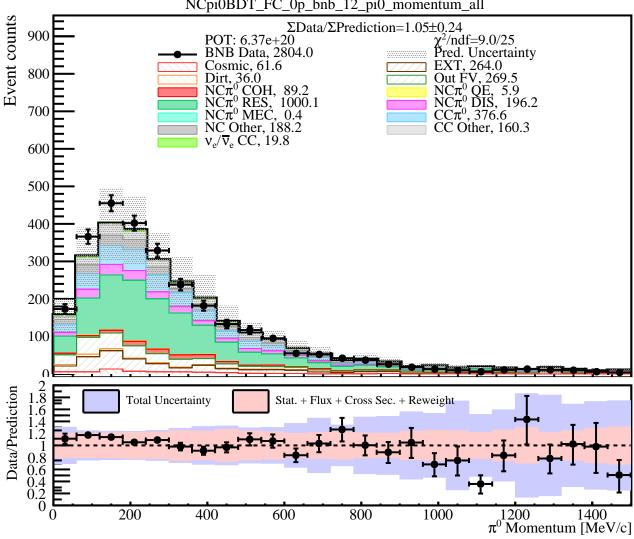
NCpi0BDT_PC_bnb_12_pi0_momentum_all



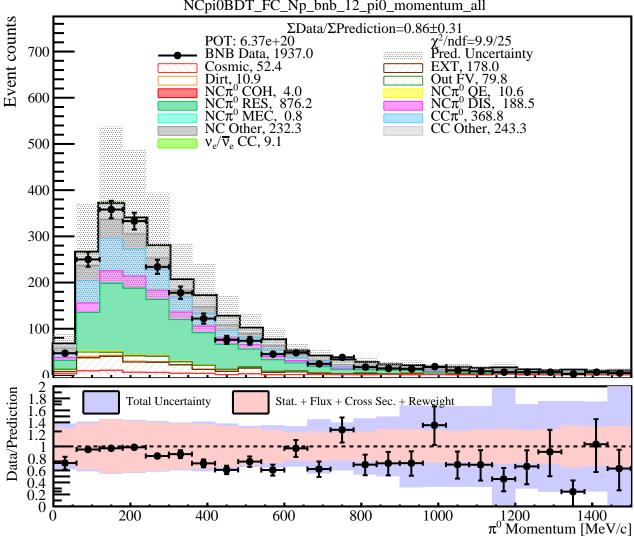




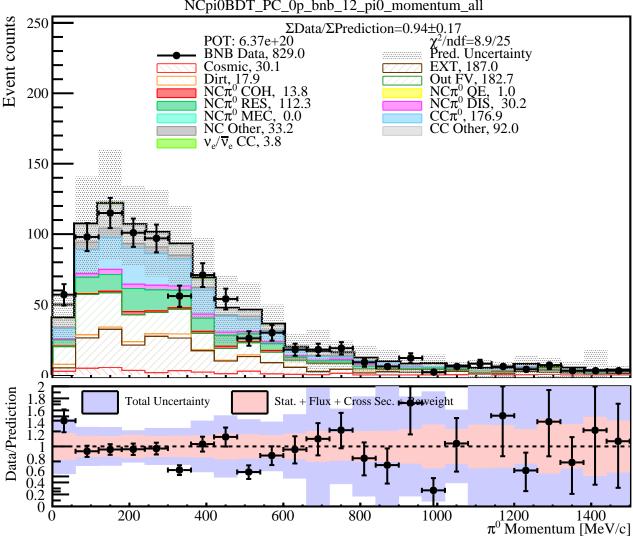
NCpi0BDT_FC_0p_bnb_12_pi0_momentum_all



NCpi0BDT_FC_Np_bnb_12_pi0_momentum_all



NCpi0BDT_PC_0p_bnb_12_pi0_momentum_all



NCpi0BDT_PC_Np_bnb_12_pi0_momentum_all Σ Data/ Σ Prediction=0.88 \pm 0.26 POT: 6.37e+20

