NCpi0BDT_bnb_12_reco_nuvtxY_all

NCpi0BDT_FC_bnb_12_reco_nuvtxY_all
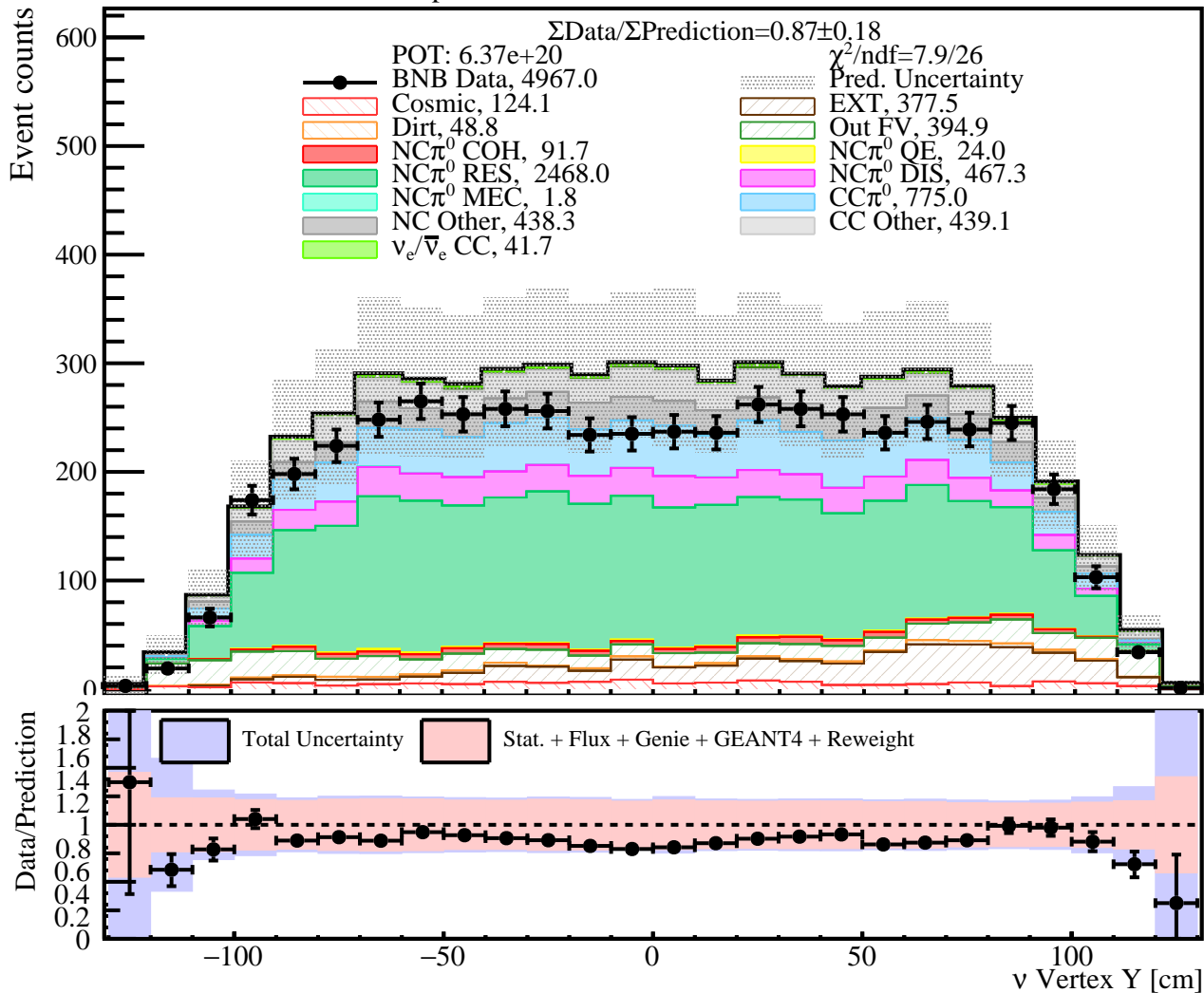
NCpi0BDT_PC_bnb_12_reco_nuvtxY_all
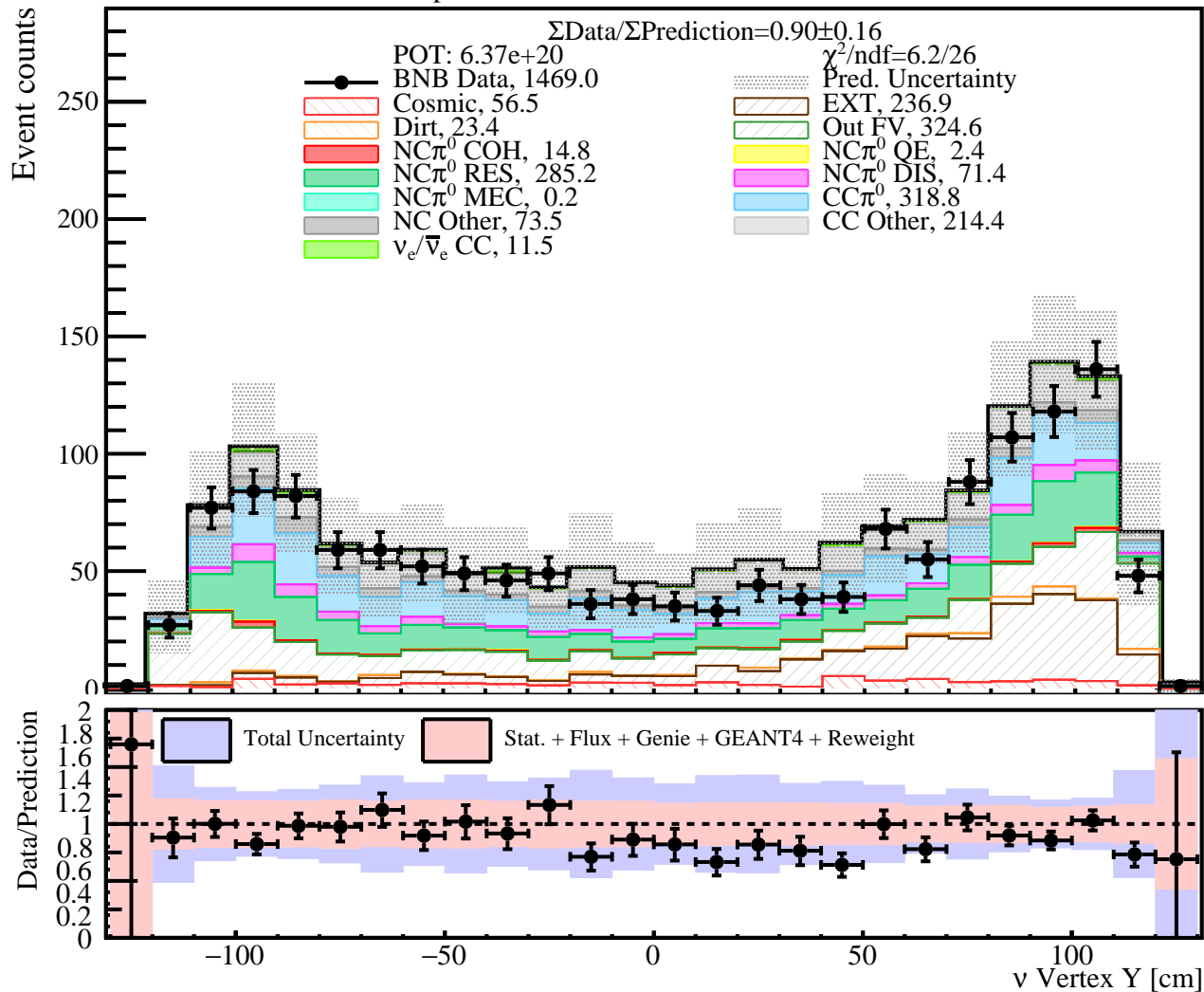
NCpi0BDT_0p_bnb_12_reco_nuvtxY_all
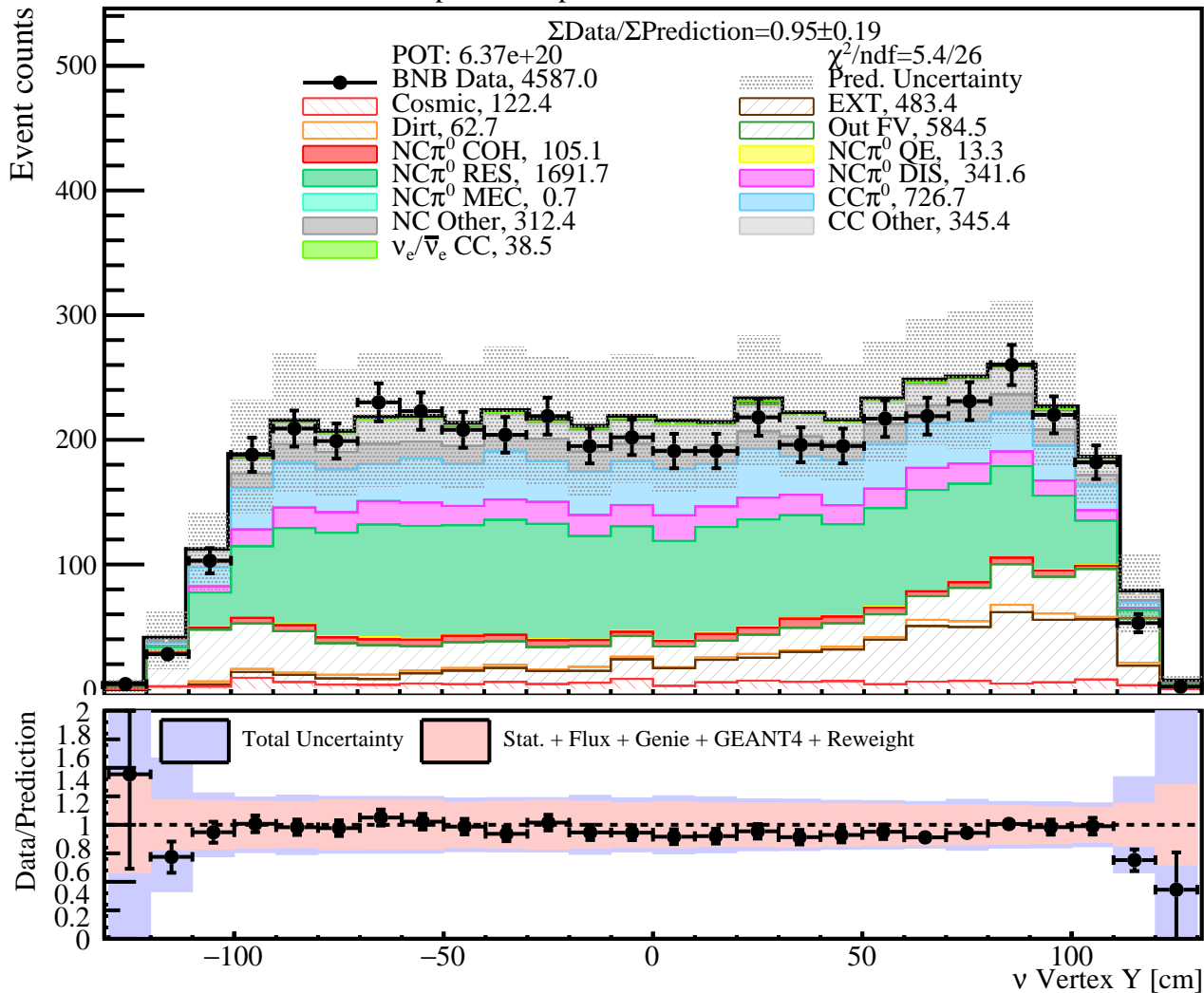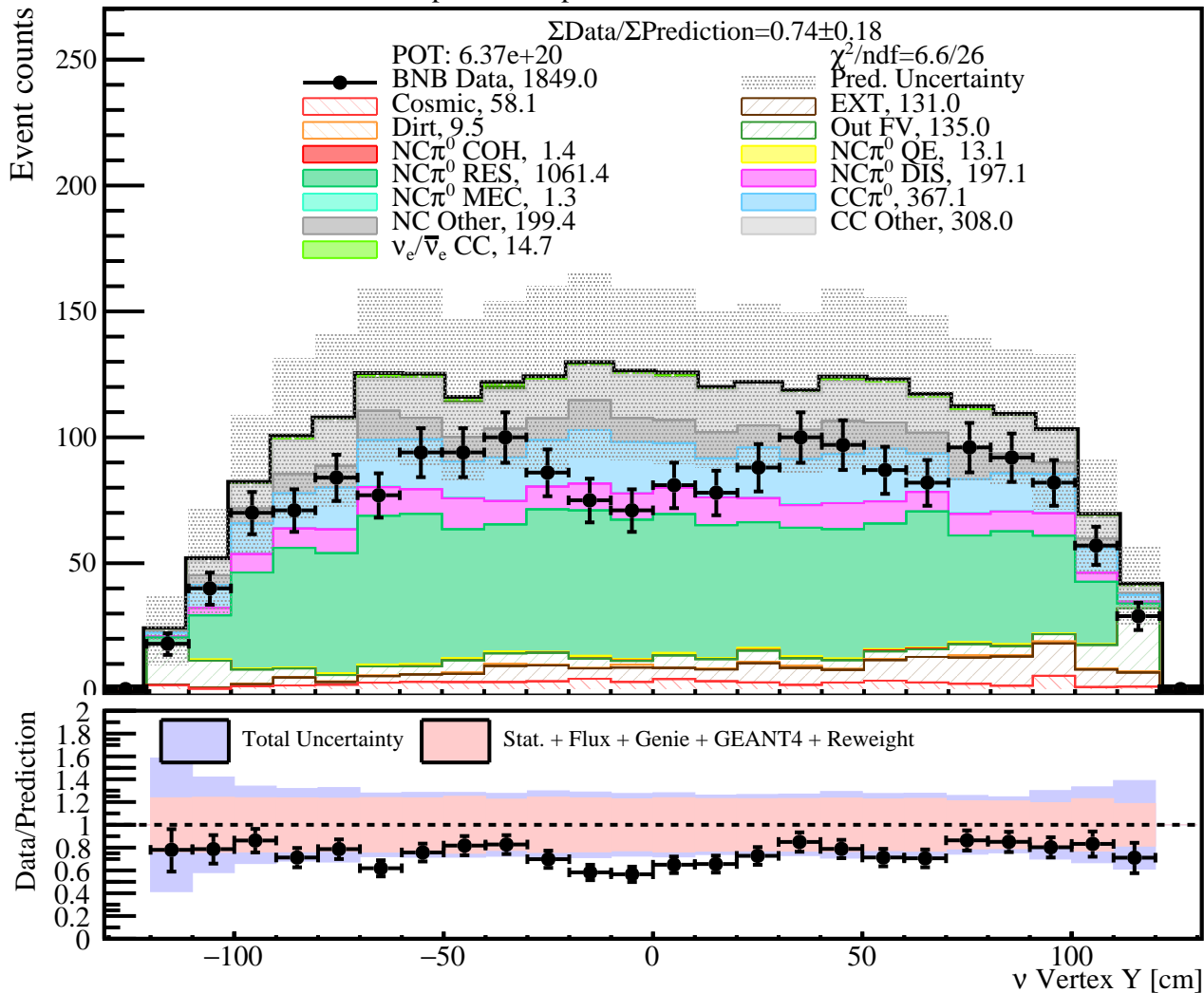
ΣData/ΣPrediction=0.95$\pm$0.19

POT: 6.37e+20

χ^2/ndf=5.4/26

- BNB Data, 4587.0
- Cosmic, 122.4
- Dirt, 62.7
- NCπ^0 COH, 105.1
- NCπ^0 RES, 1691.7
- NCπ^0 MEC, 0.7
- NC Other, 312.4
- $\nu_e/\bar{\nu}_e$ CC, 38.5

Pred. Uncertainty
EXT, 483.4
Out FV, 584.5
NCπ^0 QE, 13.3
NCπ^0 DIS, 341.6
CCπ^0, 726.7
CC Other, 345.4

Event counts

Data/Prediction

Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight

ν Vertex Y [cm]

NCpi0BDT_Np_bnb_12_reco_nuvtxY_all

$\Sigma Data/\Sigma Prediction=0.74\pm0.18$

POT: 6.37e+20　　　　　　　　　　　$\chi^2/ndf=6.6/26$

- BNB Data, 1849.0
- Cosmic, 58.1
- Dirt, 9.5
- NCπ^0 COH, 1.4
- NCπ^0 RES, 1061.4
- NCπ^0 MEC, 1.3
- NC Other, 199.4
- $\nu_e/\bar{\nu}_e$ CC, 14.7
- Pred. Uncertainty
- EXT, 131.0
- Out FV, 135.0
- NCπ^0 QE, 13.1
- NCπ^0 DIS, 197.1
- CCπ^0, 367.1
- CC Other, 308.0

Event counts

Total Uncertainty　　Stat. + Flux + Genie + GEANT4 + Reweight

Data/Prediction
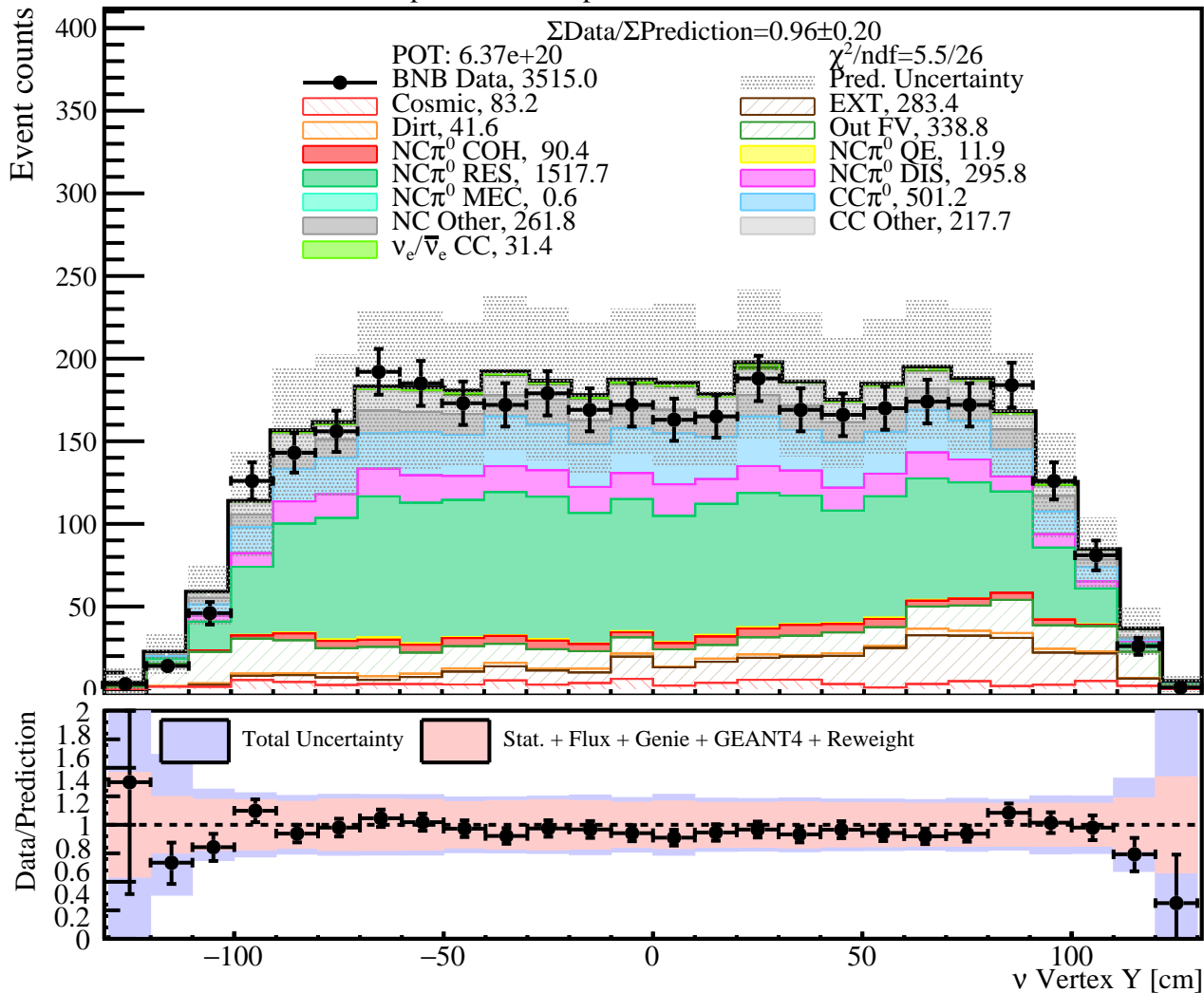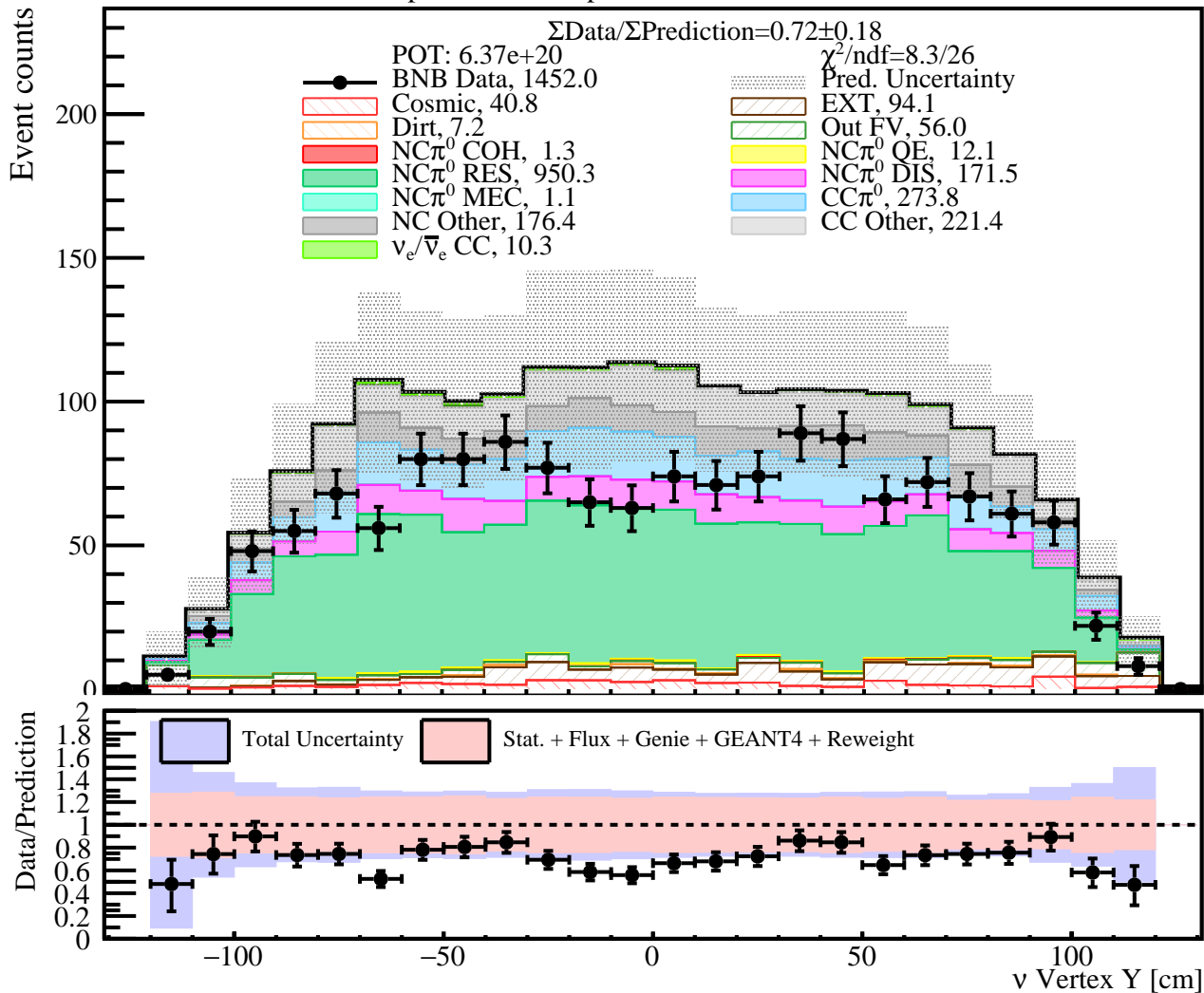
ν Vertex Y [cm]

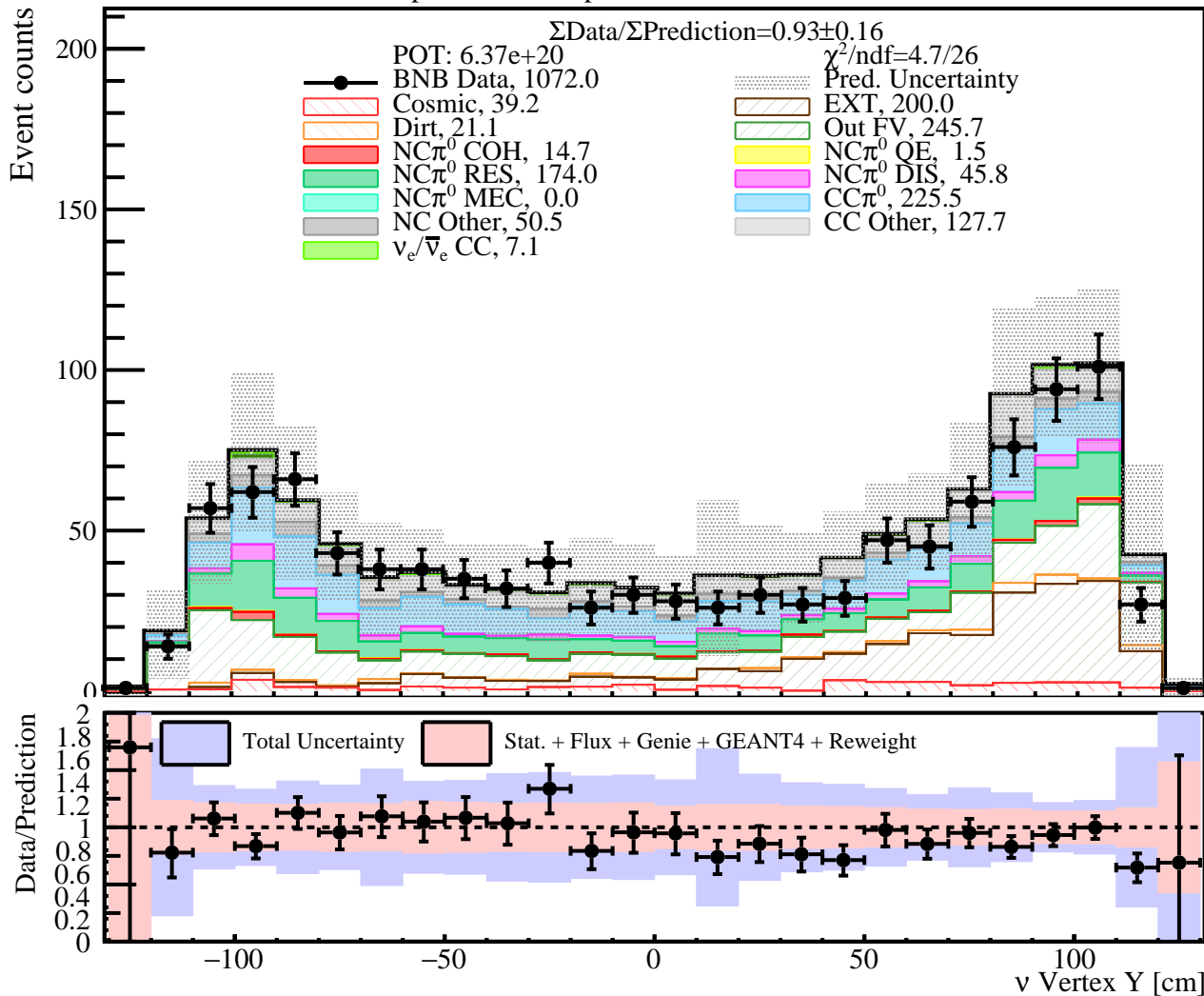NCpi0BDT_FC_0p_bnb_12_reco_nuvtxY_all

NCpi0BDT_FC_Np_bnb_12_reco_nuvtxY_all

NCpi0BDT_PC_0p_bnb_12_reco_nuvtxY_all

NCpi0BDT_PC_Np_bnb_12_reco_nuvtxY_all