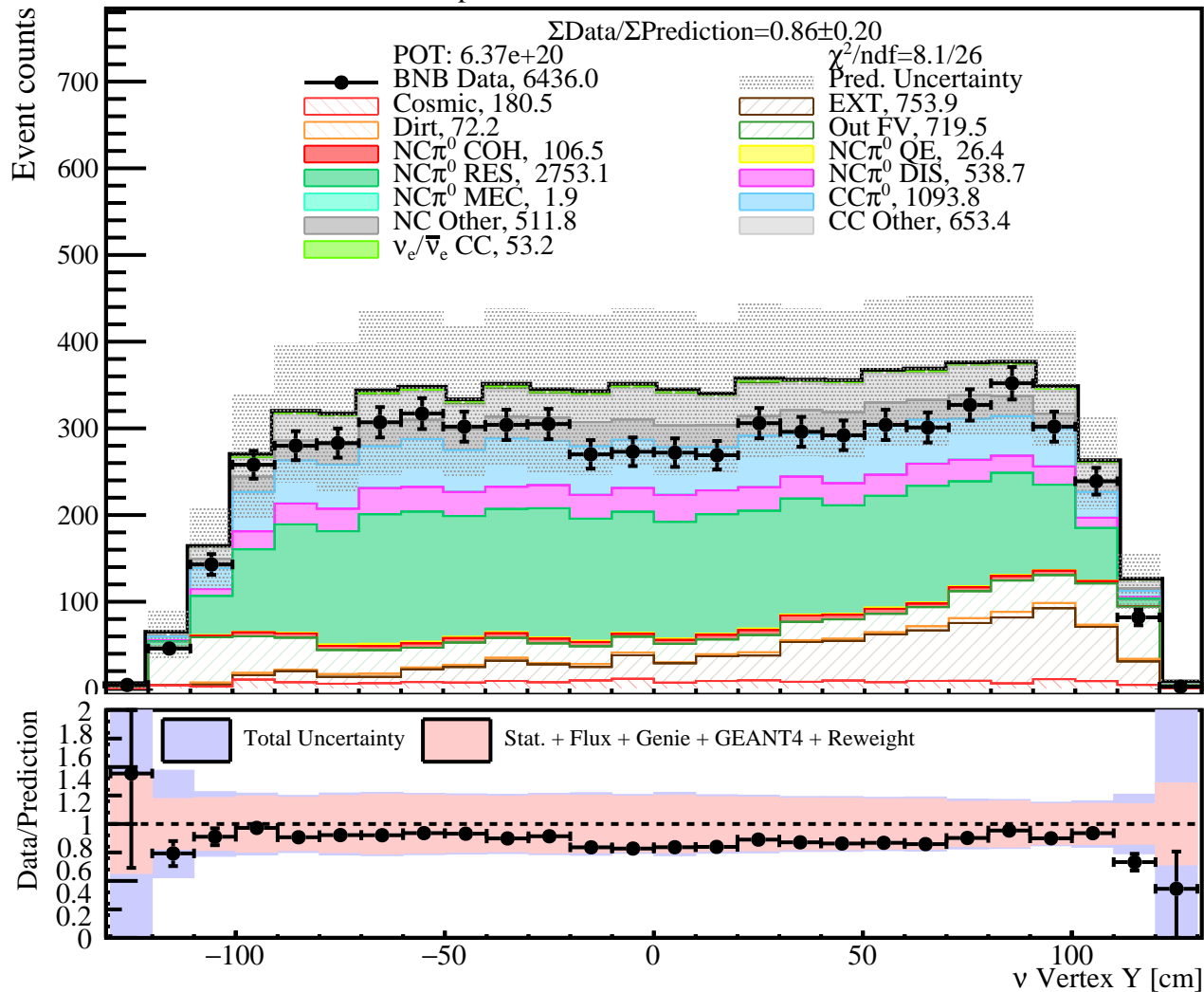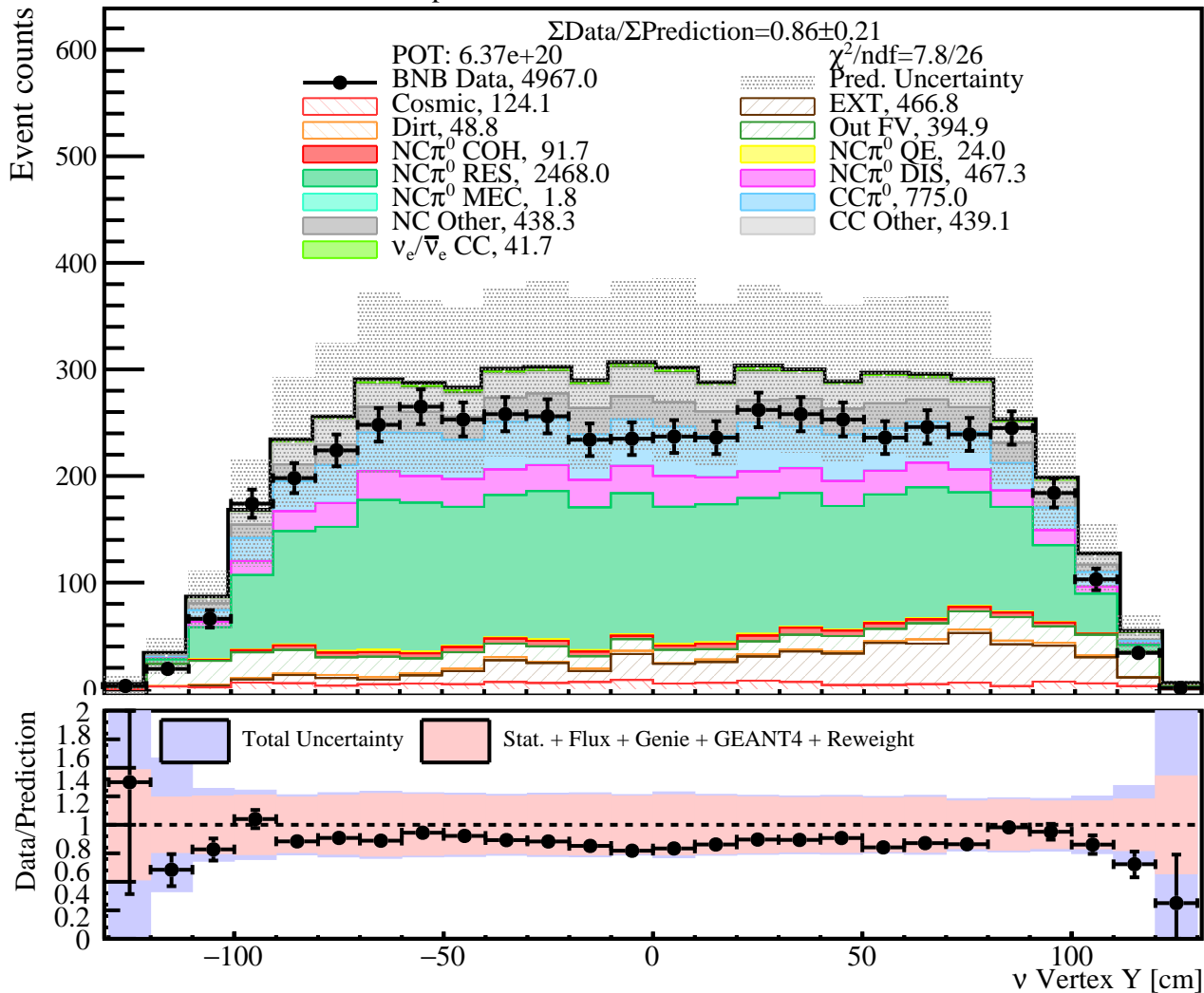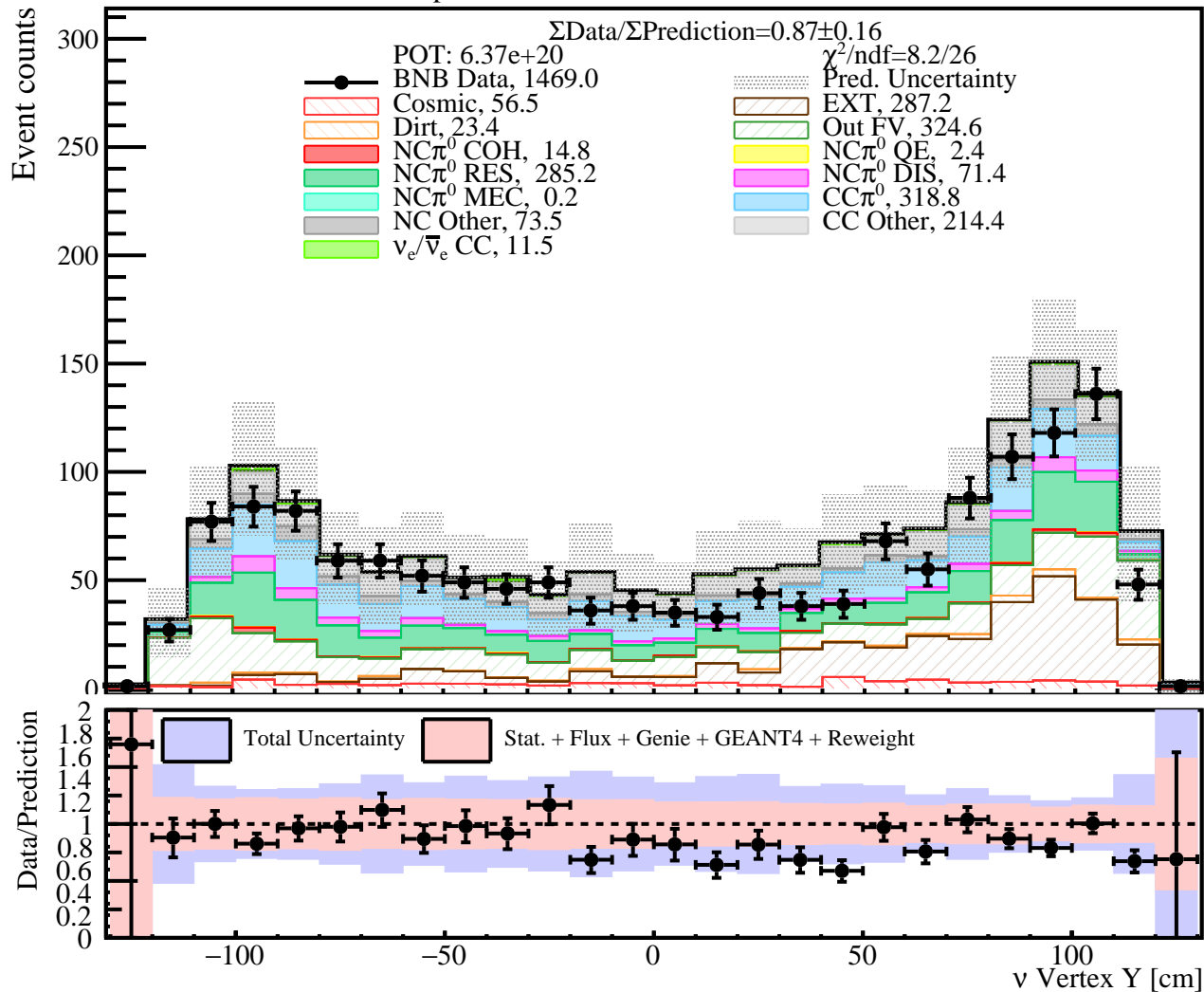NCpi0BDT_bnb_12_reco_nuvtxY_all
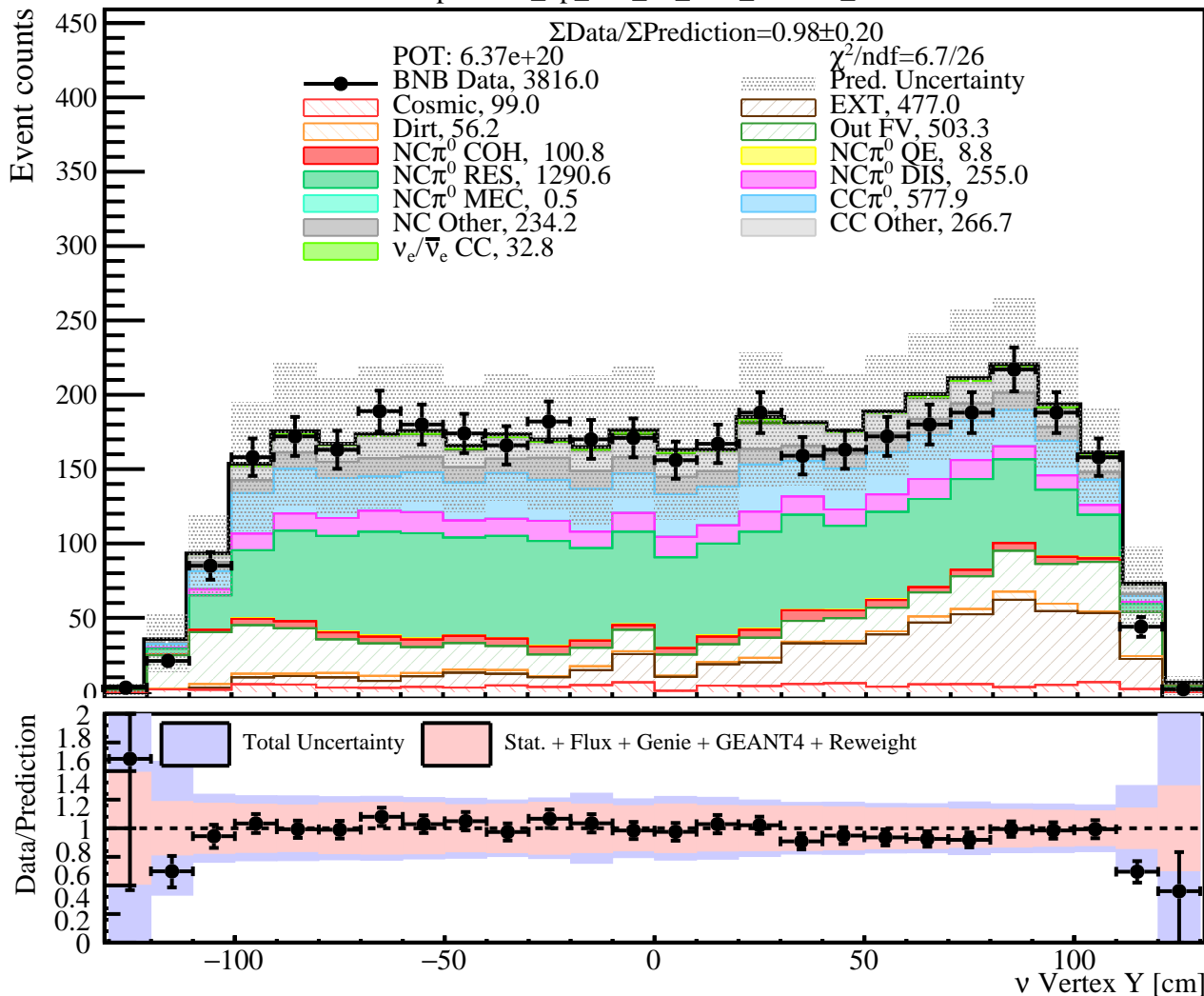
NCpi0BDT_FC_bnb_12_reco_nuvtxY_all

NCpi0BDT_PC_bnb_12_reco_nuvtxY_all

ΣData/ΣPrediction=0.87±0.16

POT: 6.37e+20

χ^2/ndf=8.2/26

- BNB Data, 1469.0
- Cosmic, 56.5
- Dirt, 23.4
- NCπ^0 COH, 14.8
- NCπ^0 RES, 285.2
- NCπ^0 MEC, 0.2
- NC Other, 73.5
- $\nu_e/\bar{\nu}_e$ CC, 11.5
- Pred. Uncertainty
- EXT, 287.2
- Out FV, 324.6
- NCπ^0 QE, 2.4
- NCπ^0 DIS, 71.4
- CCπ^0, 318.8
- CC Other, 214.4

Event counts

Data/Prediction

Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight

ν Vertex Y [cm]

NCpi0BDT_0p_bnb_12_reco_nuvtxY_all

NCpi0BDT_Np_bnb_12_reco_nuvtxY_all

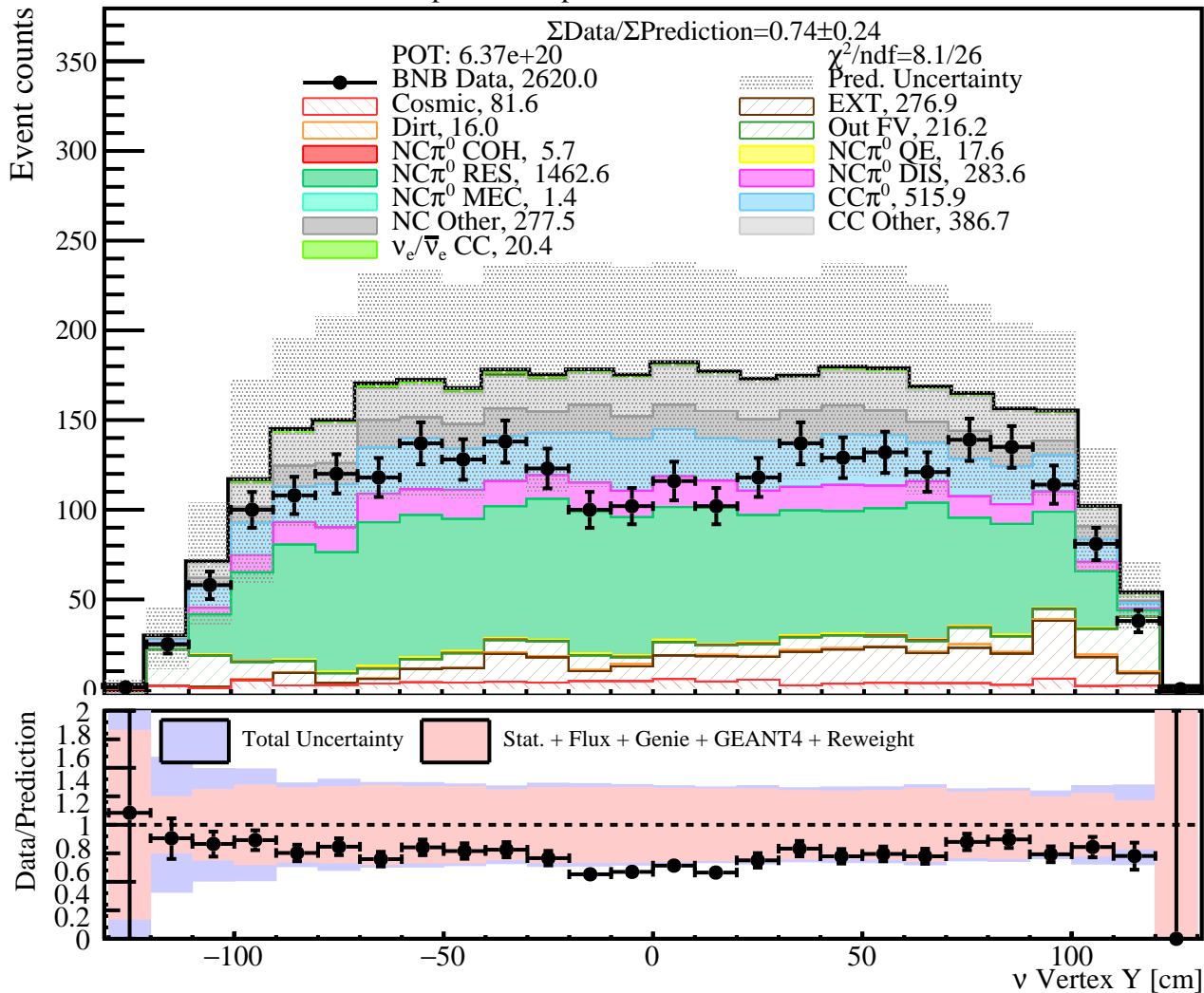ΣData/ΣPrediction=0.74±0.24

POT: 6.37e+20

χ^2/ndf=8.1/26

- BNB Data, 2620.0
- Cosmic, 81.6
- Dirt, 16.0
- NCπ^0 COH, 5.7
- NCπ^0 RES, 1462.6
- NCπ^0 MEC, 1.4
- NC Other, 277.5
- $\nu_e/\bar{\nu}_e$ CC, 20.4

- Pred. Uncertainty
- EXT, 276.9
- Out FV, 216.2
- NCπ^0 QE, 17.6
- NCπ^0 DIS, 283.6
- CCπ^0, 515.9
- CC Other, 386.7

Event counts

Data/Prediction

Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight

ν Vertex Y [cm]

NCpi0BDT_FC_0p_bnb_12_reco_nuvtxY_all

ΣData/ΣPrediction=1.00±0.22

POT: 6.37e+20

χ^2/ndf=6.7/26

- BNB Data, 2932.0
- Cosmic, 66.2
- Dirt, 37.3
- NCπ^0 COH, 87.2
- NCπ^0 RES, 1156.7
- NCπ^0 MEC, 0.5
- NC Other, 198.0
- ν_e/$\bar{\nu}_e$ CC, 28.0
- Pred. Uncertainty
- EXT, 278.3
- Out FV, 300.0
- NCπ^0 QE, 7.7
- NCπ^0 DIS, 220.6
- CCπ^0, 391.3
- CC Other, 168.7

Event counts

Data/Prediction
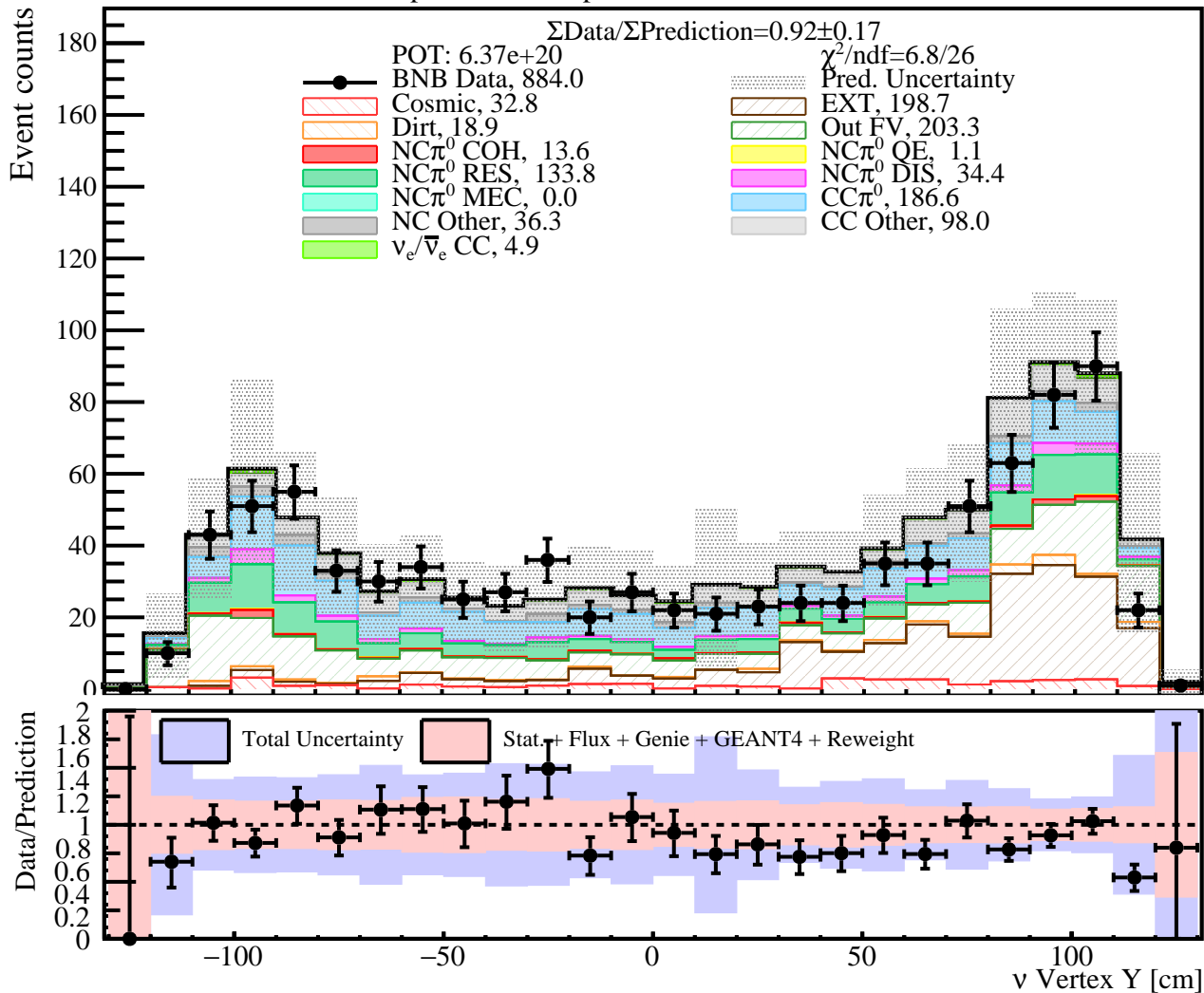
Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight

ν Vertex Y [cm]
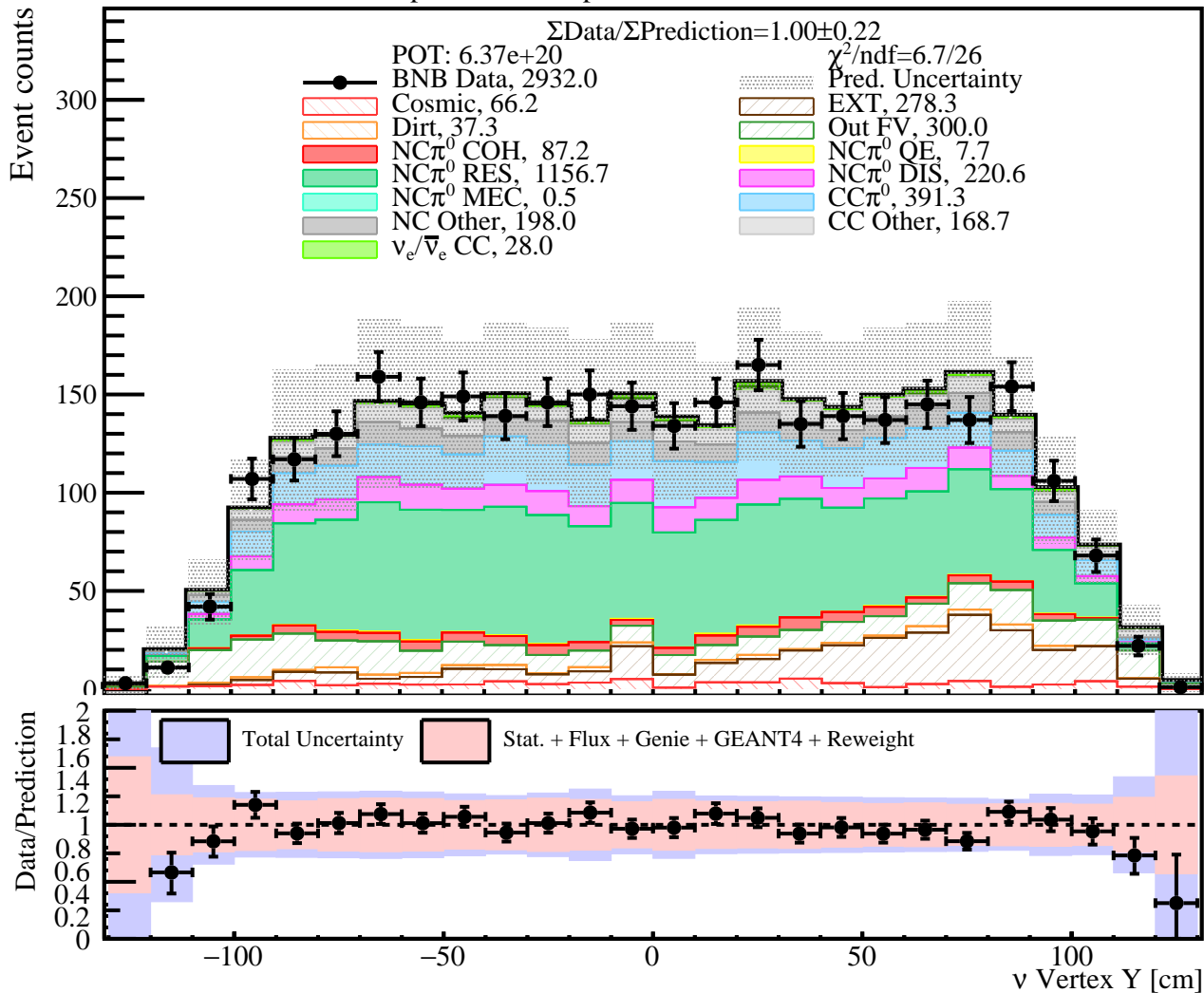
NCpi0BDT_FC_Np_bnb_12_reco_nuvtxY_all
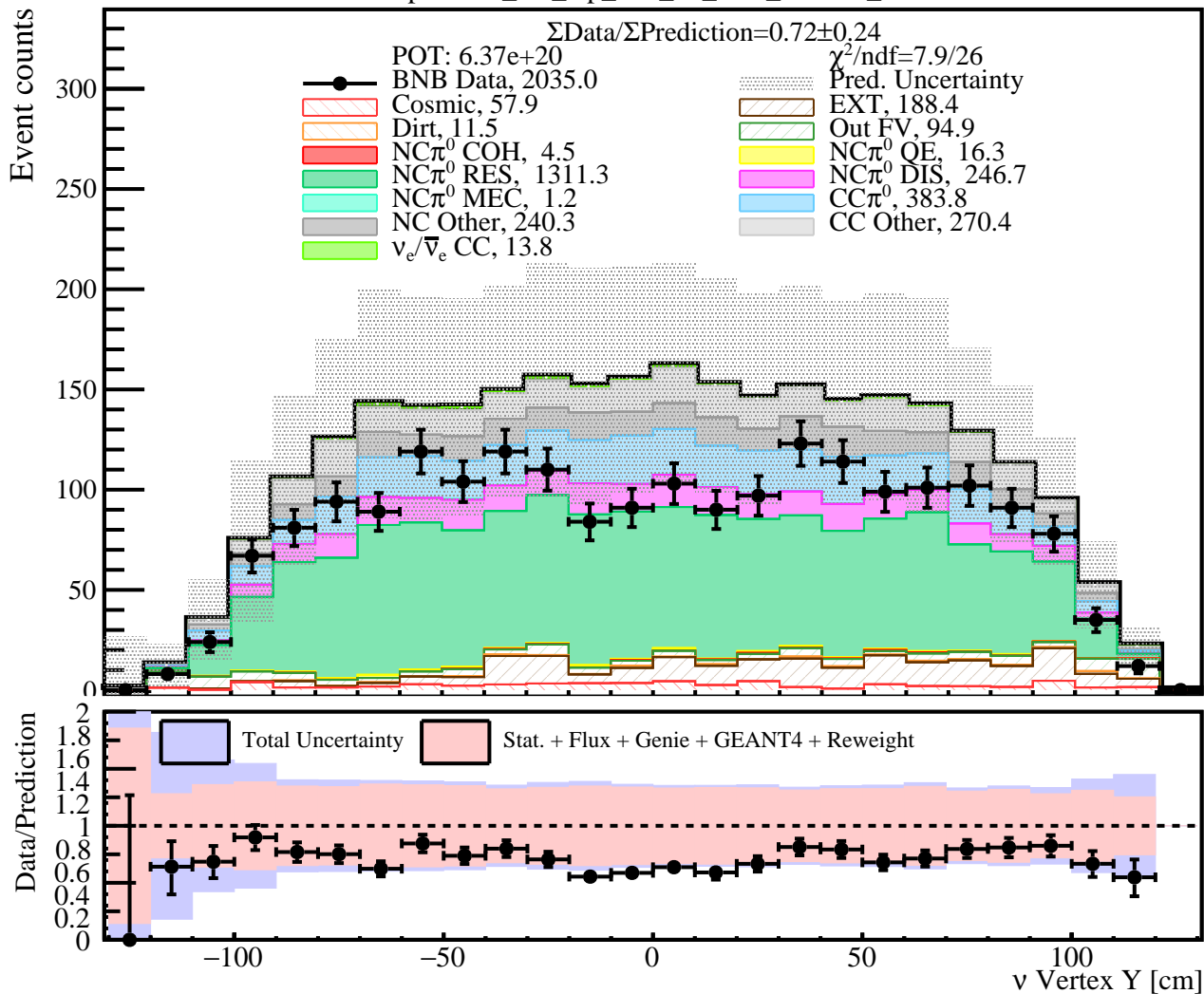
NCpi0BDT_PC_0p_bnb_12_reco_nuvtxY_all

NCpi0BDT_PC_Np_bnb_12_reco_nuvtxY_all