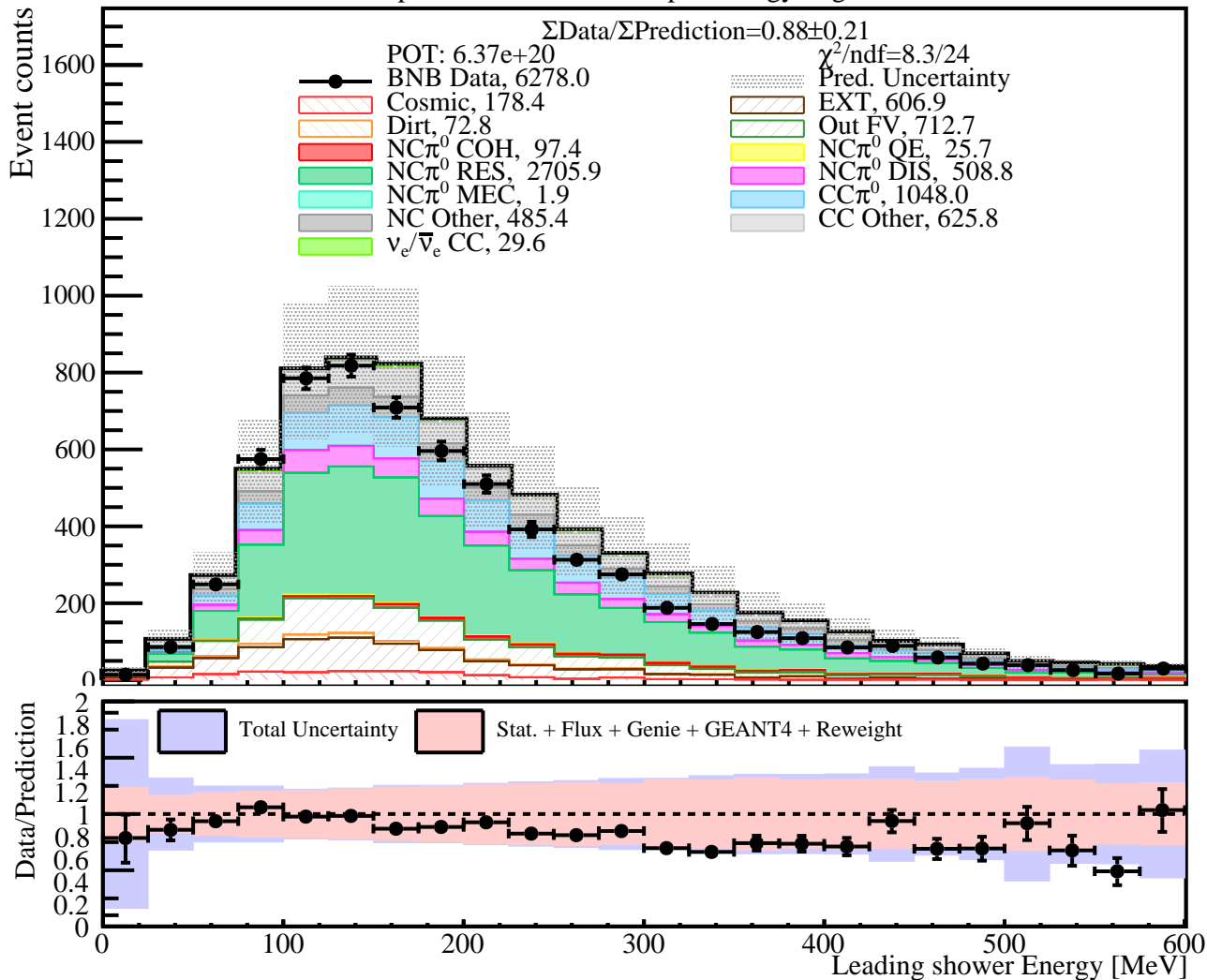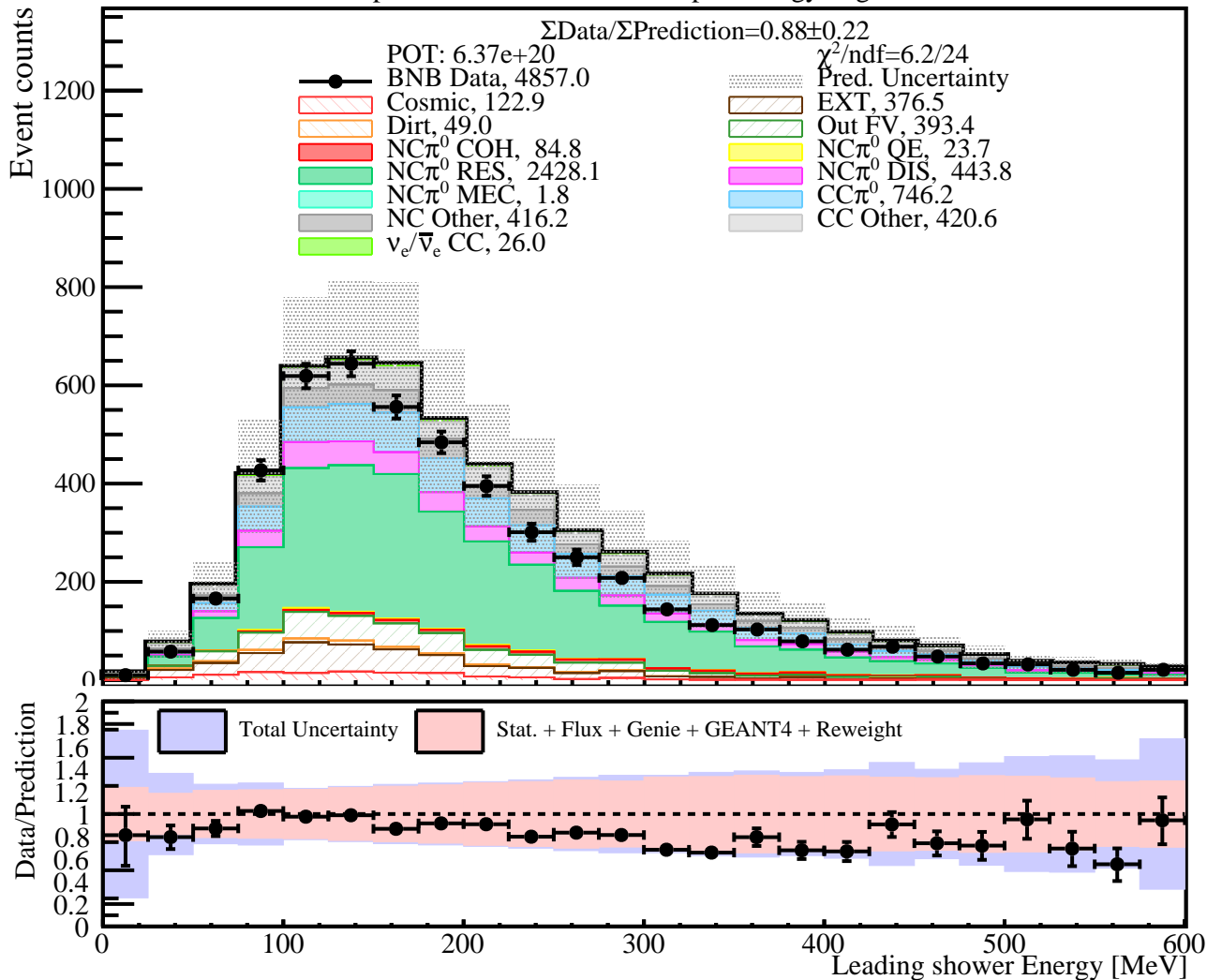NCpi0BDT_bnb_12_kine_pio_energy_high_all

NCpi0BDT_FC_bnb_12_kine_pio_energy_high_all

ΣData/ΣPrediction=0.88$\pm$0.22

POT: 6.37e+20

χ^2/ndf=6.2/24

Legend:
- BNB Data, 4857.0
- Cosmic, 122.9
- Dirt, 49.0
- NCπ^0 COH, 84.8
- NCπ^0 RES, 2428.1
- NCπ^0 MEC, 1.8
- NC Other, 416.2
- $\nu_e/\bar{\nu}_e$ CC, 26.0
- Pred. Uncertainty
- EXT, 376.5
- Out FV, 393.4
- NCπ^0 QE, 23.7
- NCπ^0 DIS, 443.8
- CCπ^0, 746.2
- CC Other, 420.6

Event counts (y-axis)

Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight

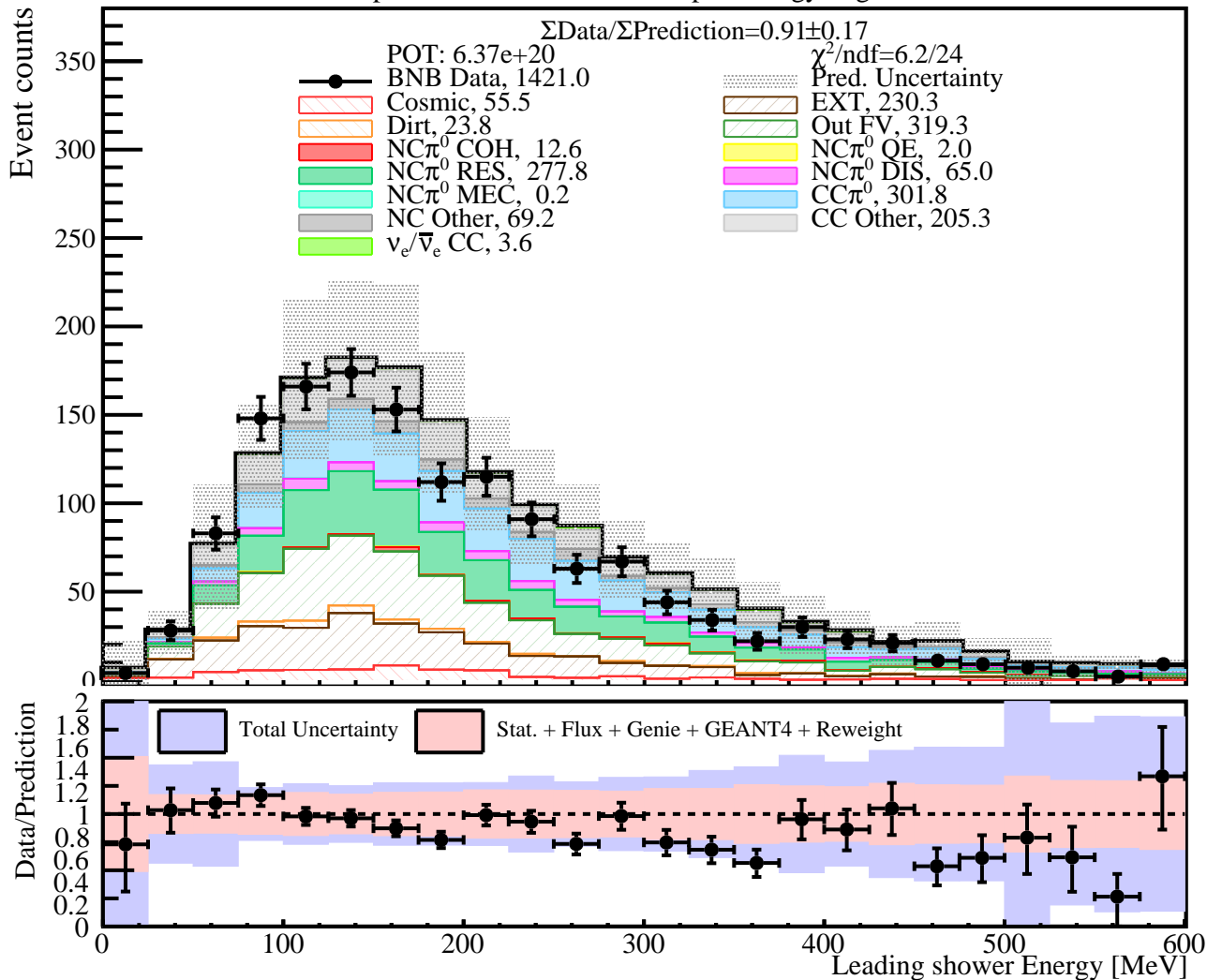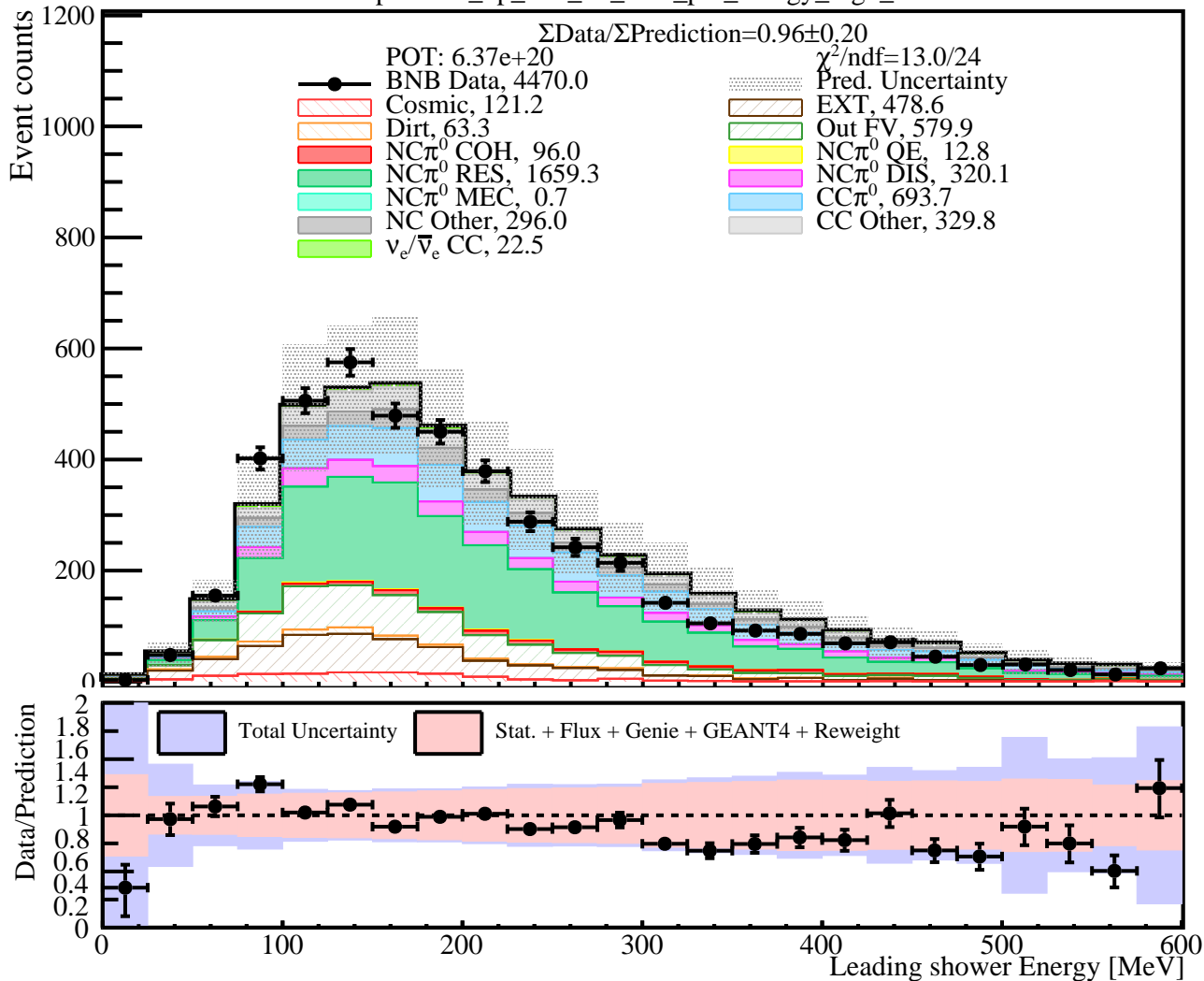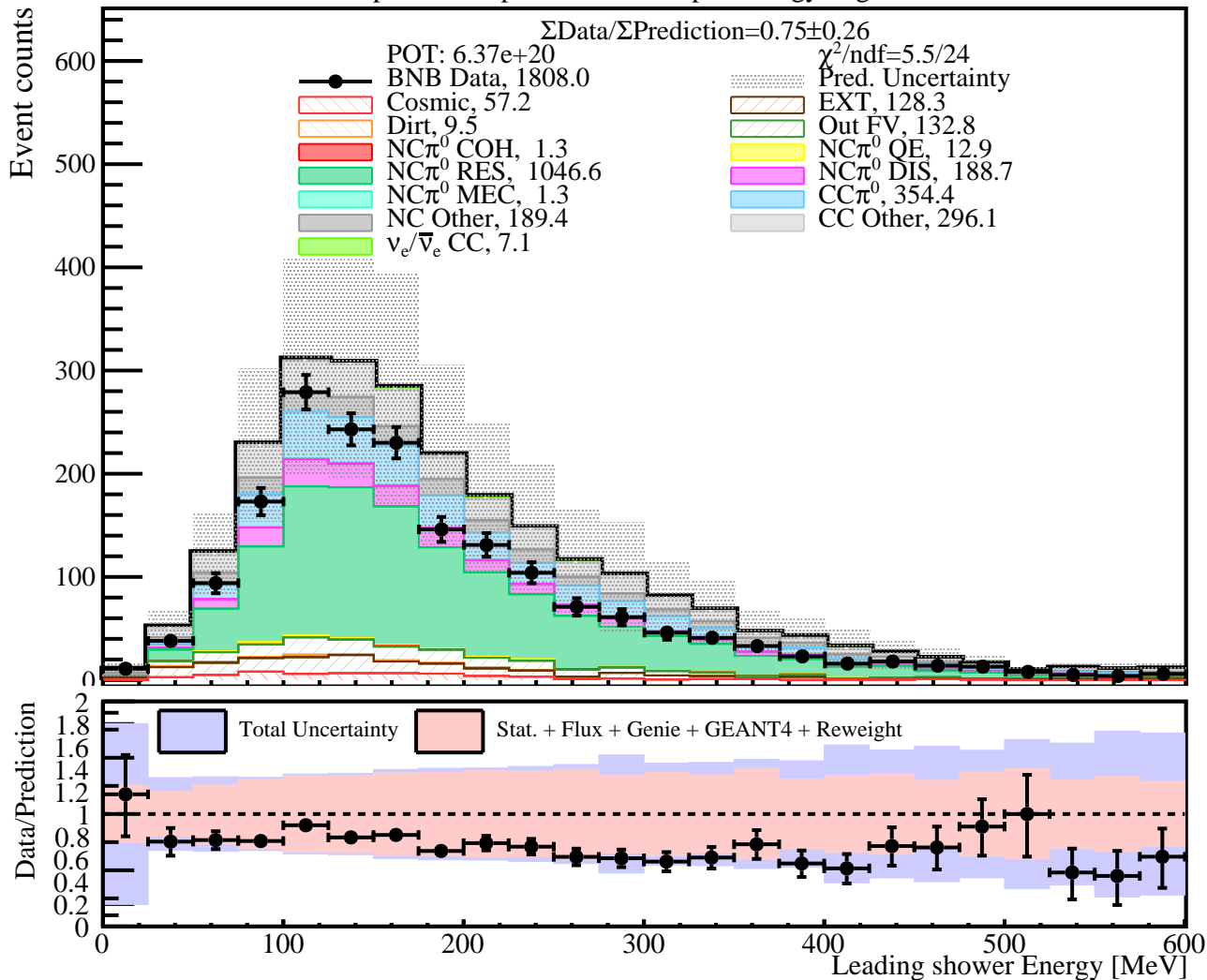Data/Prediction (y-axis)

Leading shower Energy [MeV] (x-axis)

NCpi0BDT_PC_bnb_12_kine_pio_energy_high_all

NCpi0BDT_0p_bnb_12_kine_pio_energy_high_all

NCpi0BDT_Np_bnb_12_kine_pio_energy_high_all

$\Sigma Data/\Sigma Prediction=0.75\pm0.26$

POT: 6.37e+20

$\chi^2/ndf=5.5/24$

- BNB Data, 1808.0
- Cosmic, 57.2
- Dirt, 9.5
- NCπ^0 COH, 1.3
- NCπ^0 RES, 1046.6
- NCπ^0 MEC, 1.3
- NC Other, 189.4
- $\nu_e/\bar{\nu}_e$ CC, 7.1
- Pred. Uncertainty
- EXT, 128.3
- Out FV, 132.8
- NCπ^0 QE, 12.9
- NCπ^0 DIS, 188.7
- CCπ^0, 354.4
- CC Other, 296.1

Event counts

Data/Prediction

Total Uncertainty

Stat. + Flux + Genie + GEANT4 + Reweight
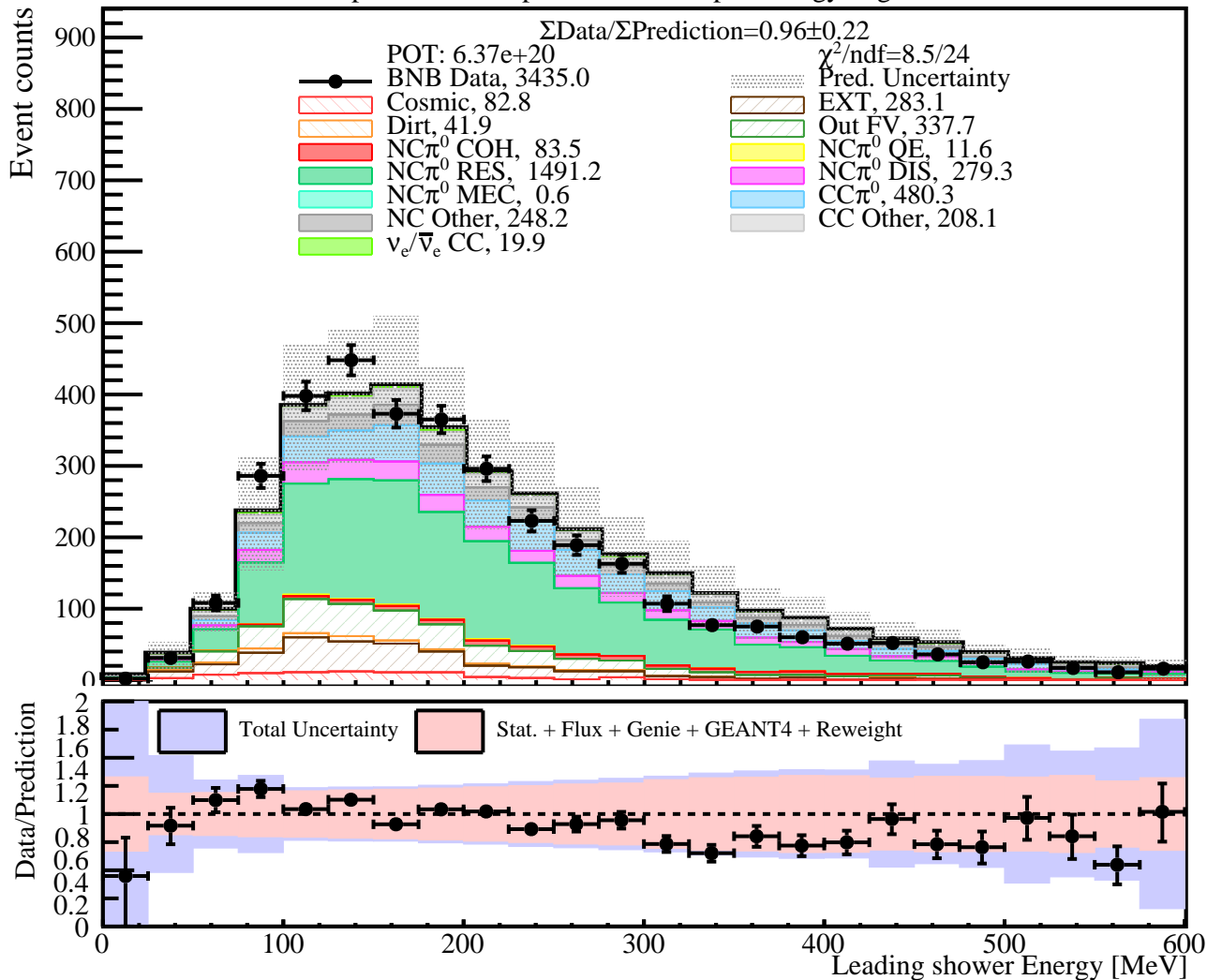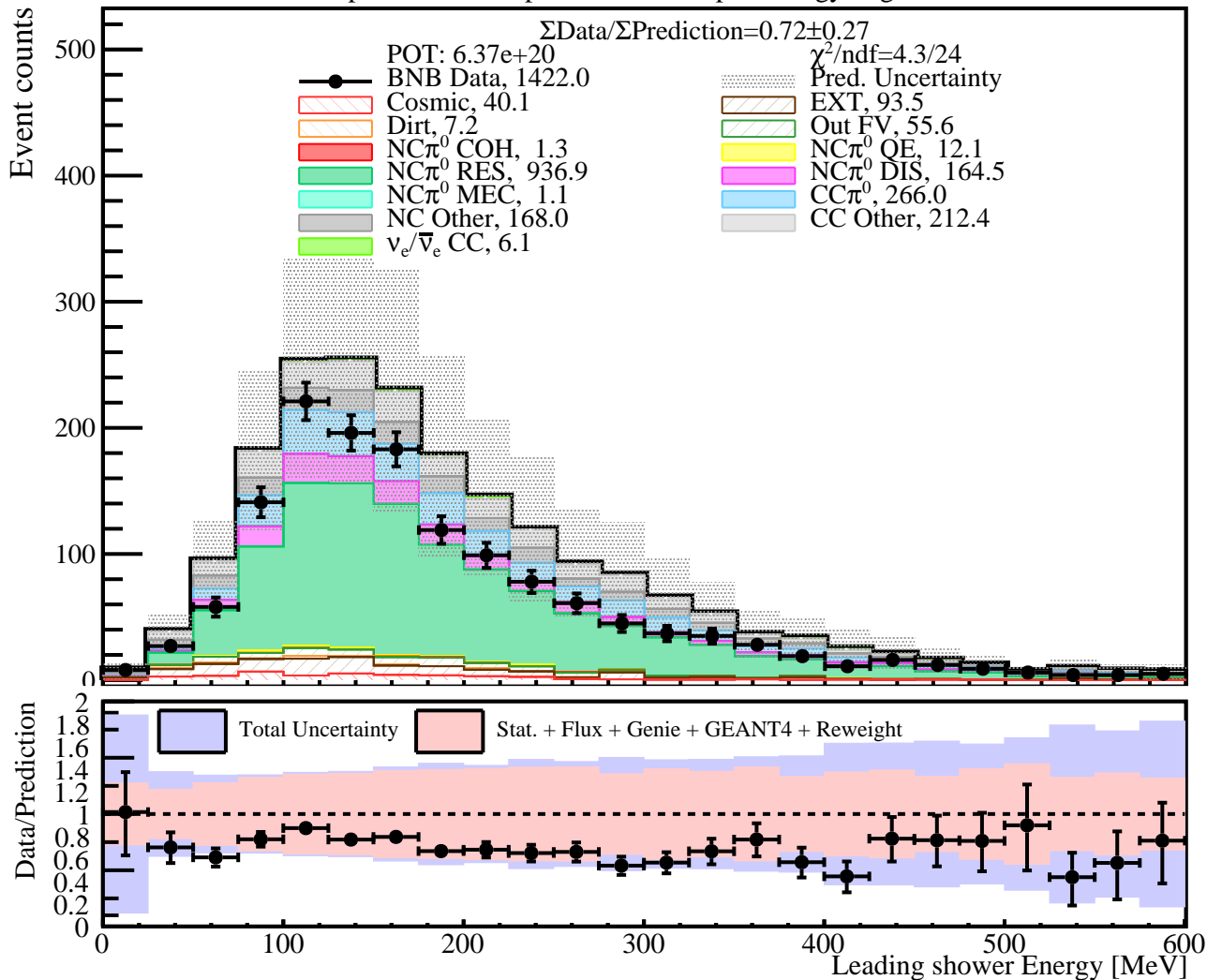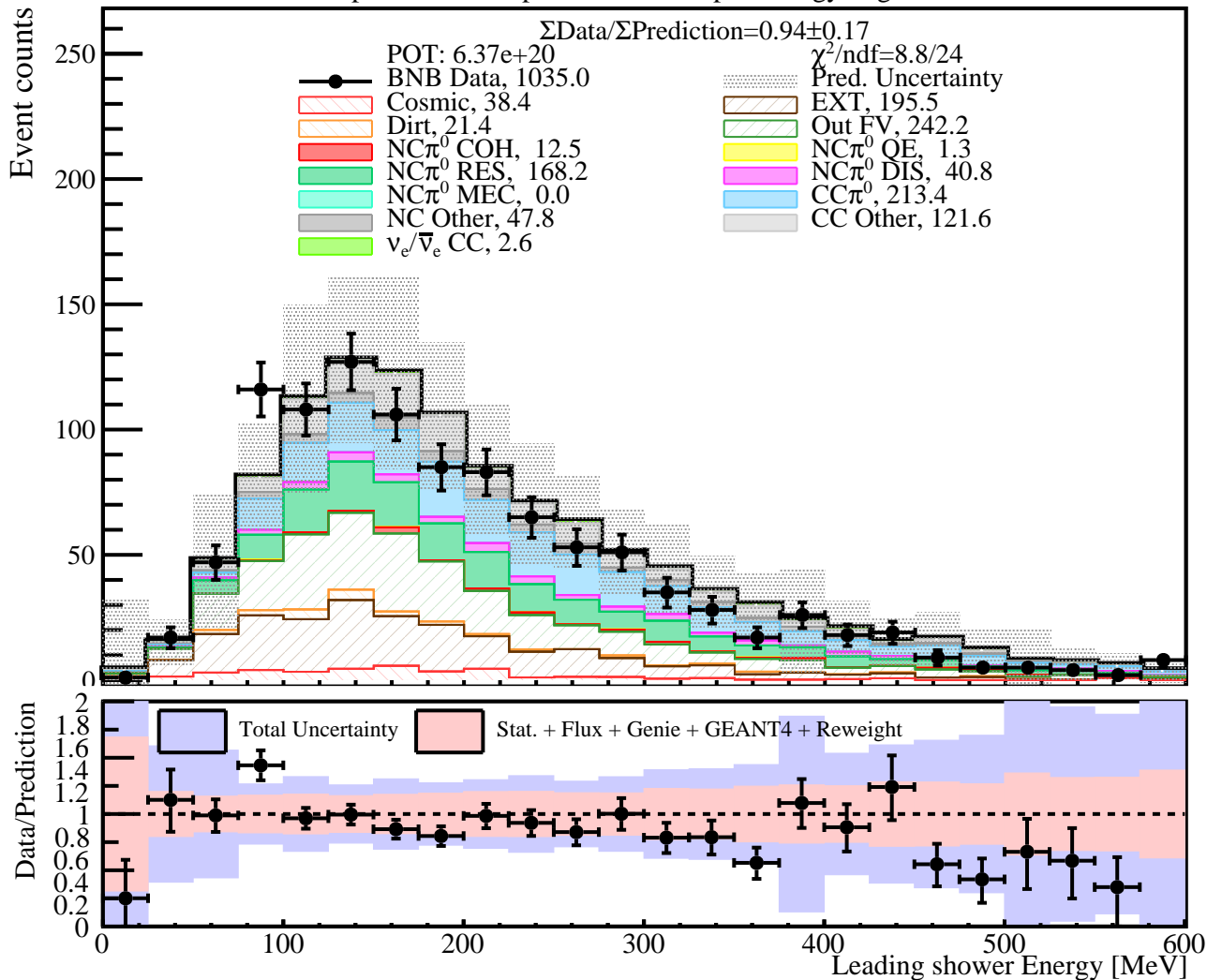
Leading shower Energy [MeV]

NCpi0BDT_FC_0p_bnb_12_kine_pio_energy_high_all

NCpi0BDT_FC_Np_bnb_12_kine_pio_energy_high_all

NCpi0BDT_PC_0p_bnb_12_kine_pio_energy_high_all

NCpi0BDT_PC_Np_bnb_12_kine_pio_energy_high_all