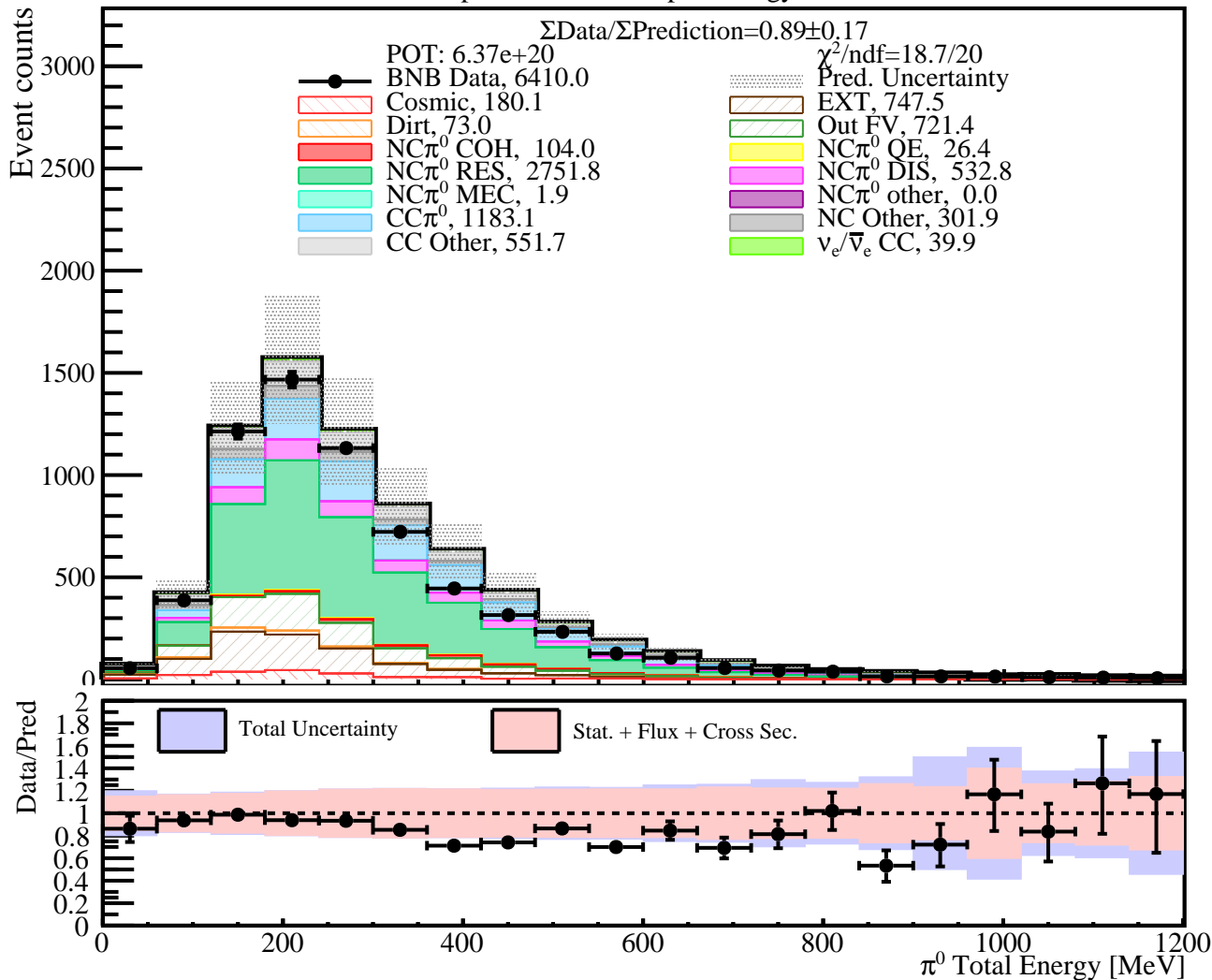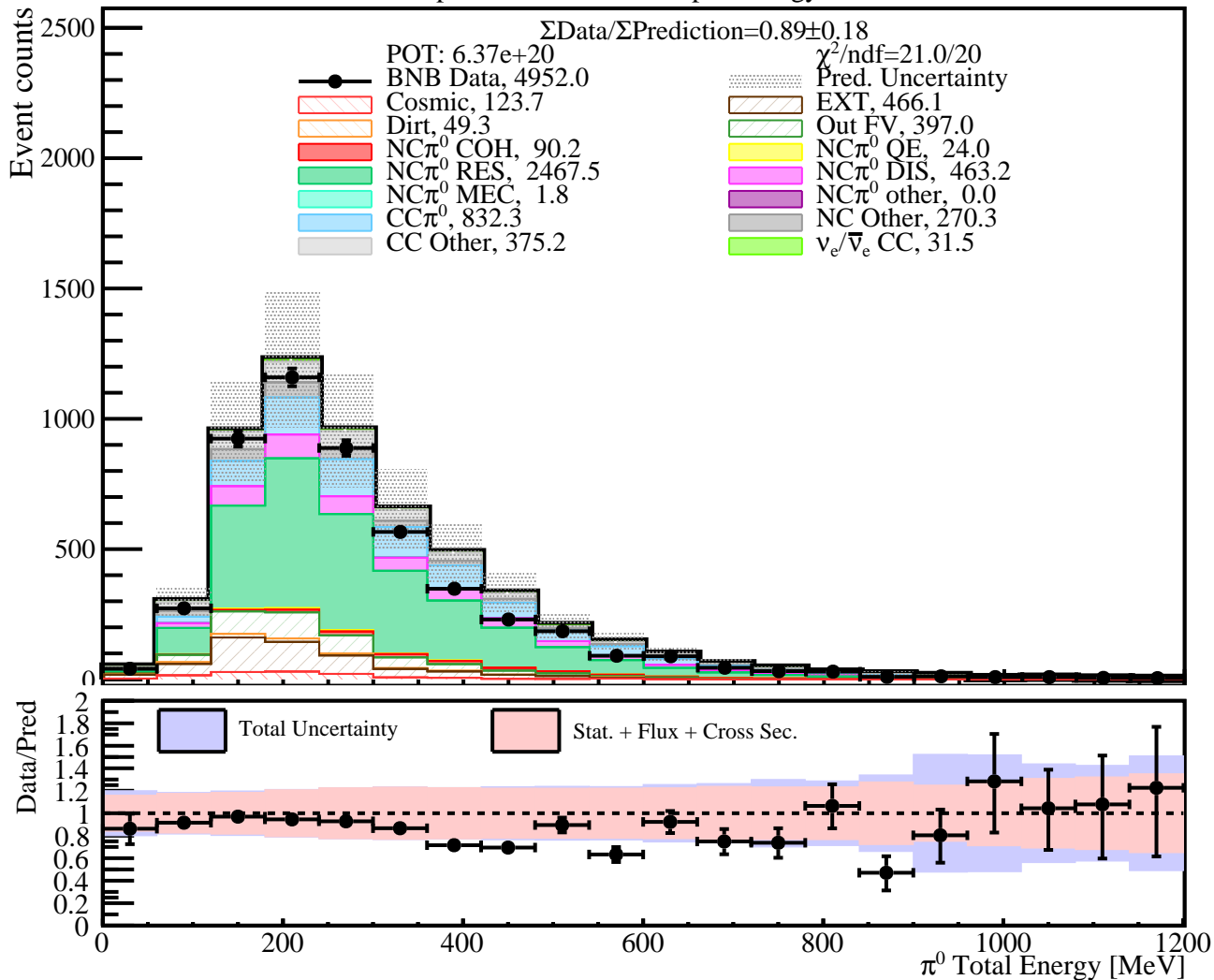NCpi0BDT_bnb_12_pi0_energy_all

NCpi0BDT_FC_bnb_12_pi0_energy_all

NCpi0BDT_PC_bnb_12_pi0_energy_all

ΣData/ΣPrediction=0.90±0.15

POT: 6.37e20   χ²/ndf=9.7/20

- BNB Data, 1458.0
- Cosmic, 56.5
- Dirt, 23.8
- NCπ⁰ COH, 13.8
- NCπ⁰ RES, 284.3
- NCπ⁰ MEC, 0.2
- CCπ⁰, 350.8
- CC Other, 176.5

- Pred. Uncertainty
- EXT, 281.4
- Out FV, 324.4
- NCπ⁰ QE, 2.4
- NCπ⁰ DIS, 69.6
- NCπ⁰ other, 0.0
- NC Other, 31.5
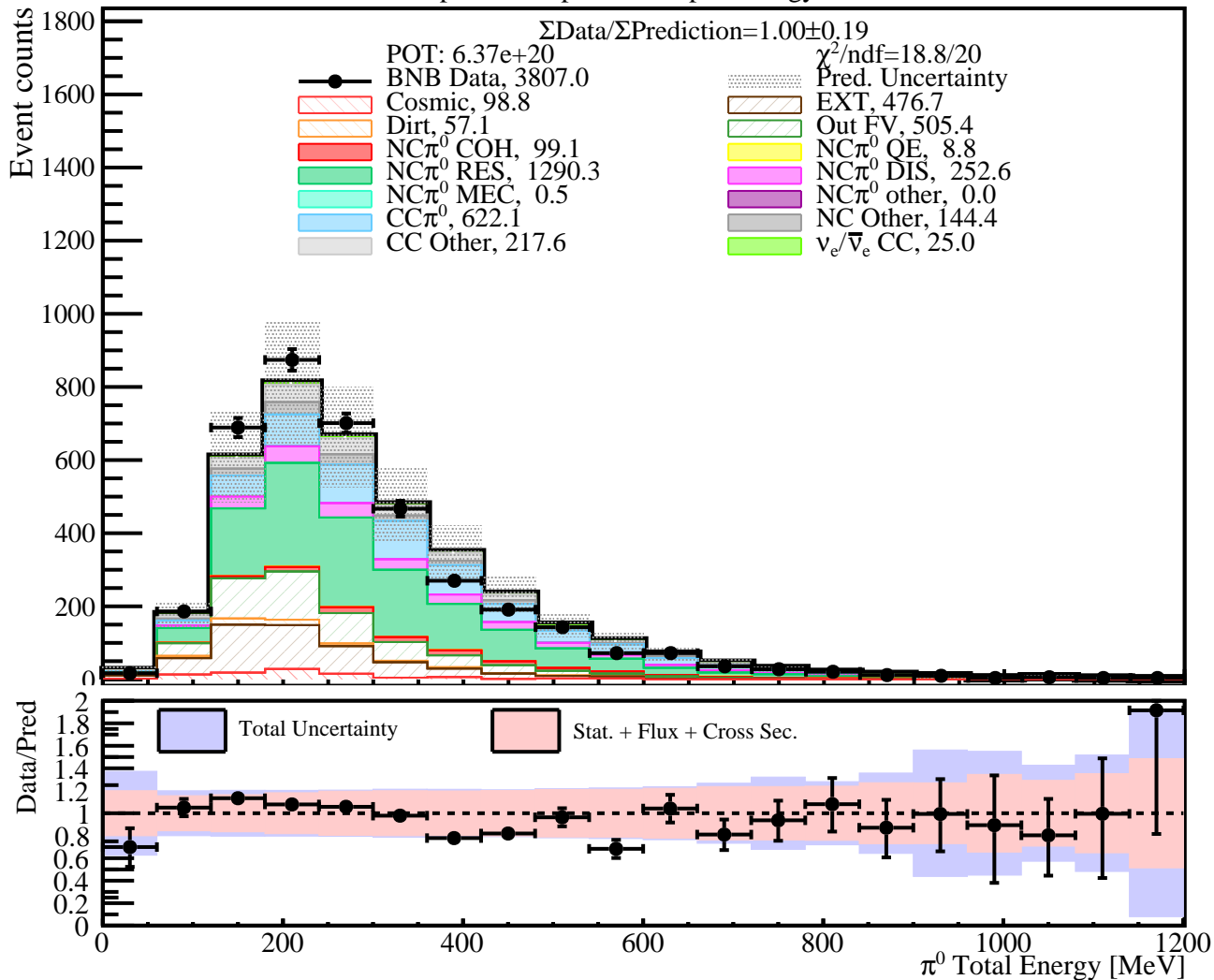- νₑ/ν̄ₑ CC, 8.4

Total Uncertainty   Stat. + Flux + Cross Sec.
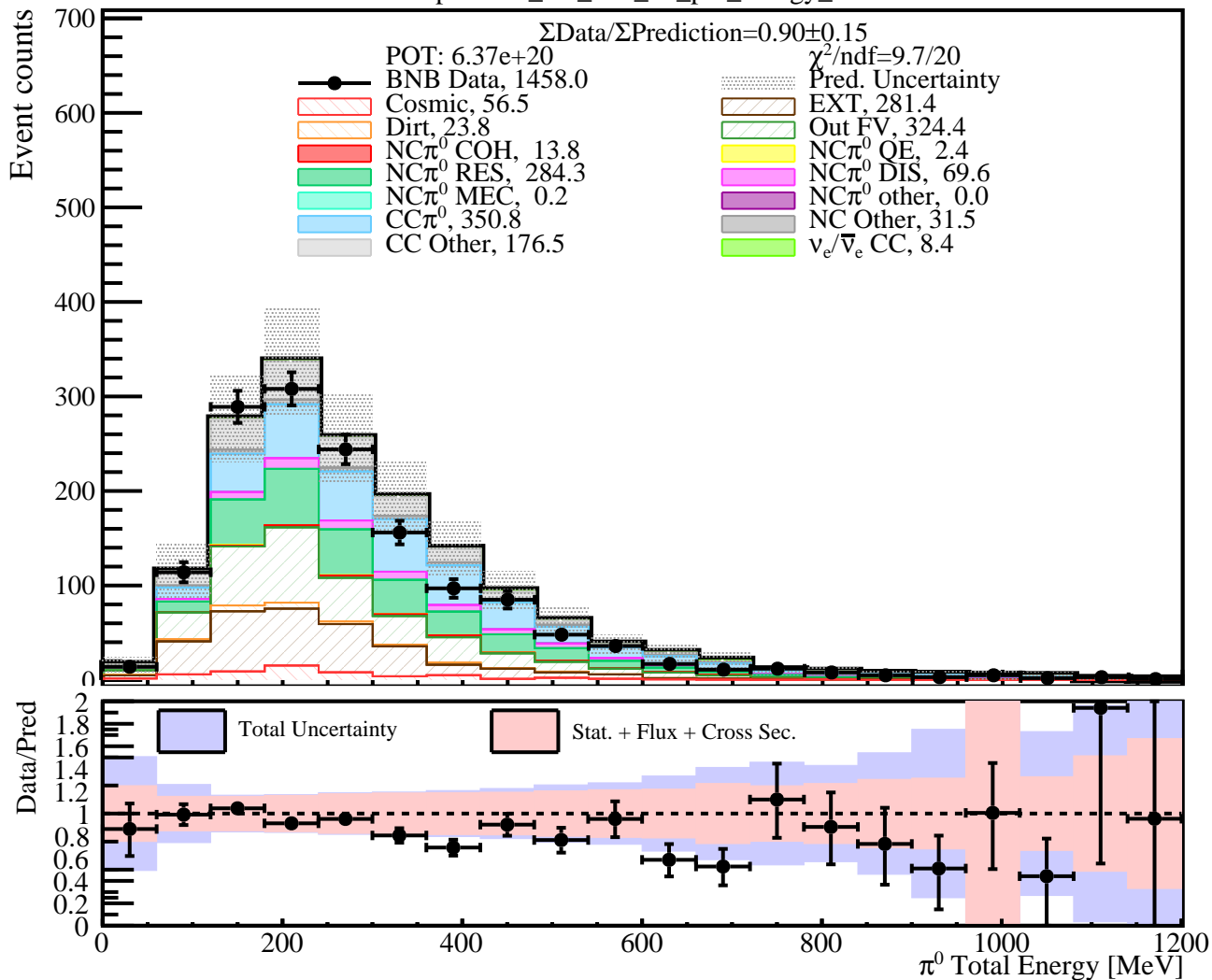
NCpi0BDT_0p_bnb_12_pi0_energy_all

NCpi0BDT_Np_bnb_12_pi0_energy_all
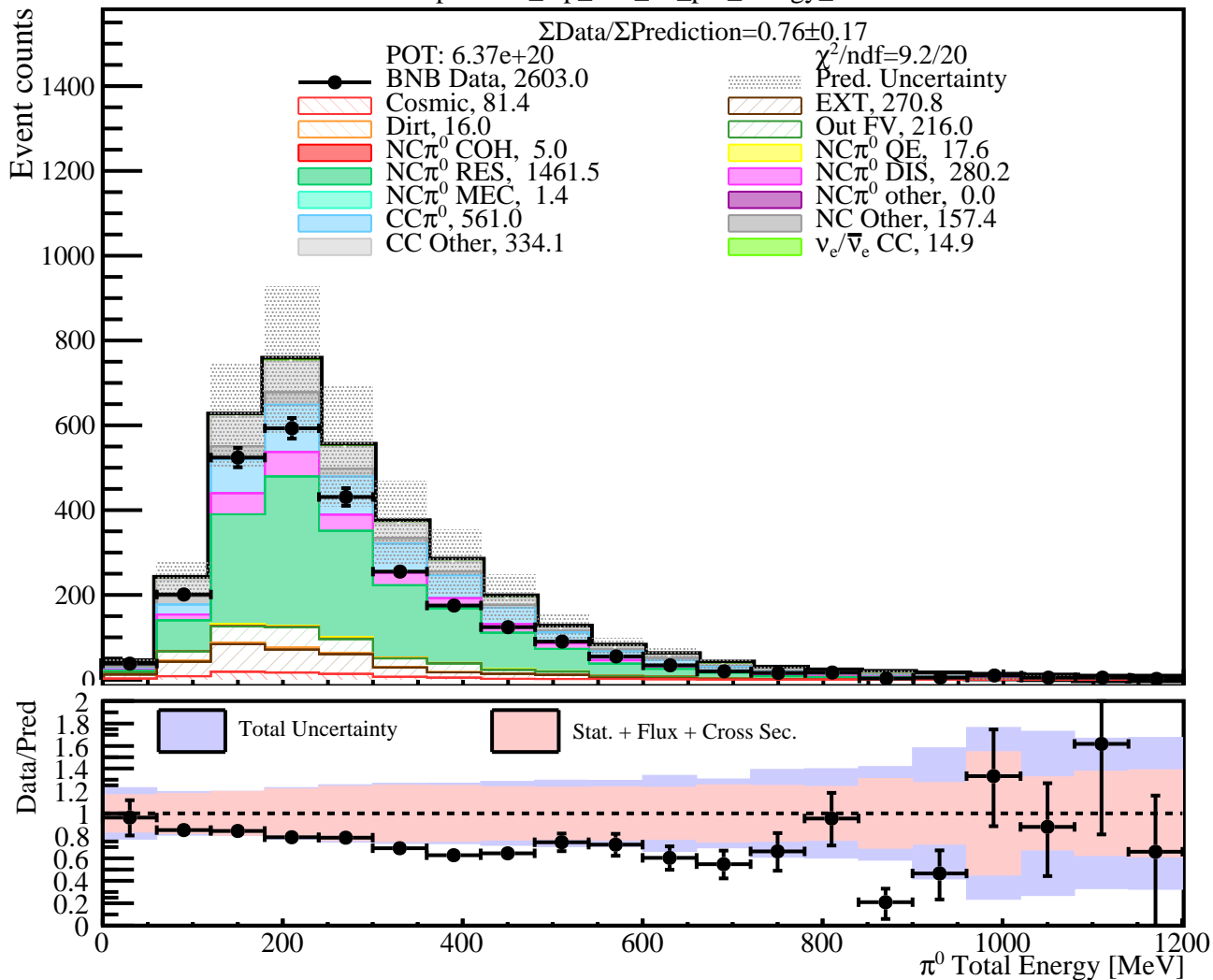
NCpi0BDT_FC_0p_bnb_12_pi0_energy_all
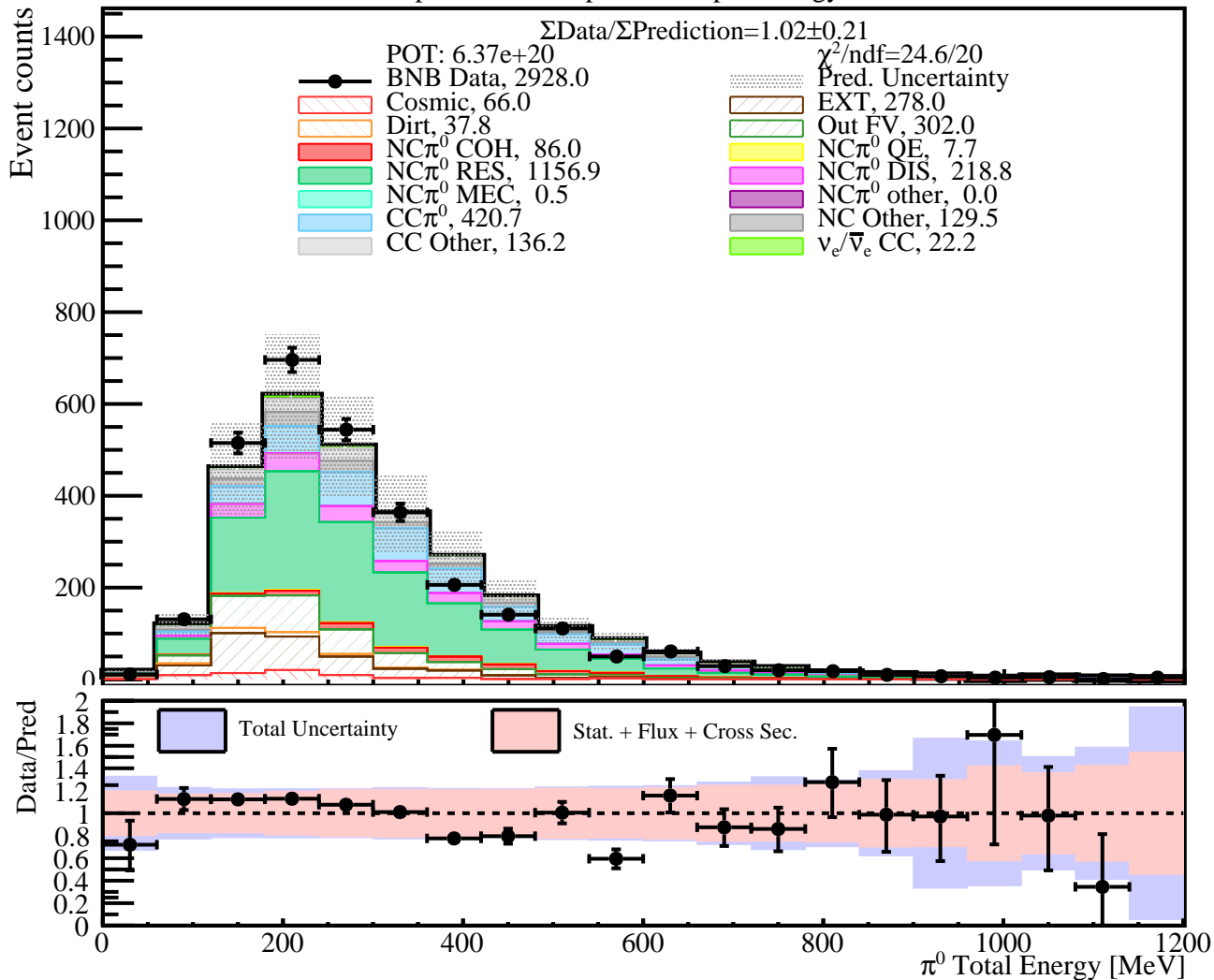
NCpi0BDT_FC_Np_bnb_12_pi0_energy_all

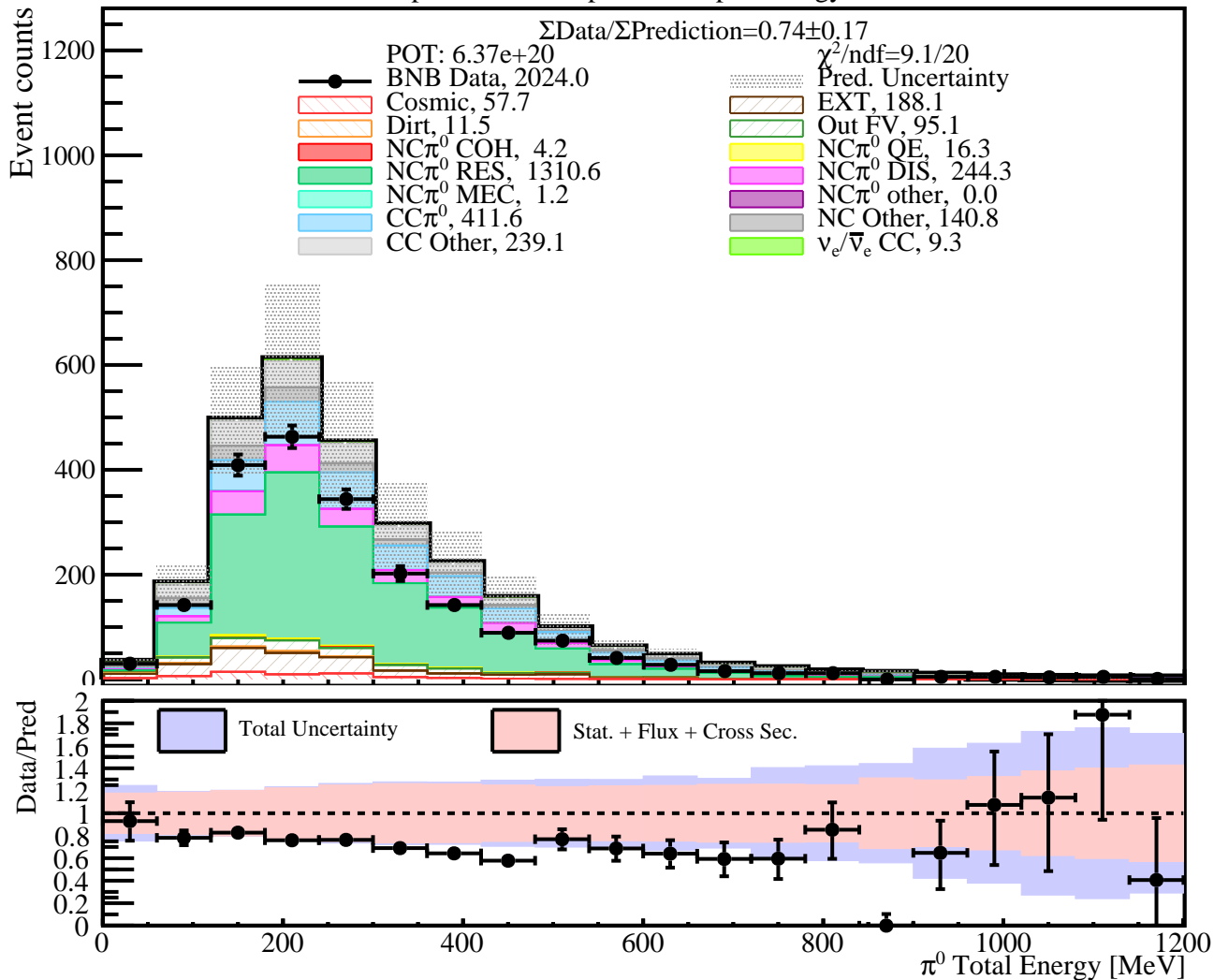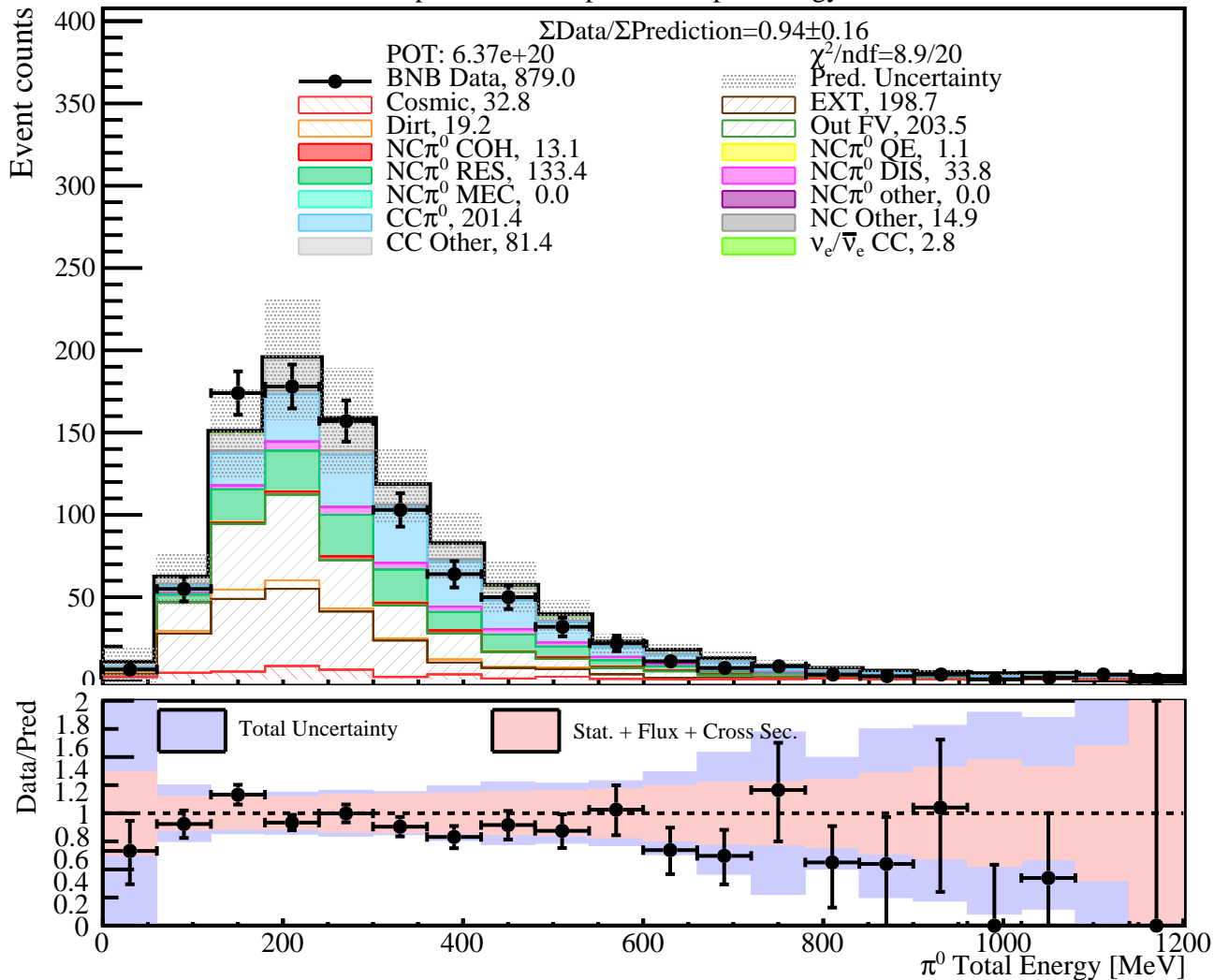ΣData/ΣPrediction=0.74$\pm$0.17

POT: 6.37e+20

χ^2/ndf=9.1/20

- BNB Data, 2024.0
- Cosmic, 57.7
- Dirt, 11.5
- NCπ^0 COH, 4.2
- NCπ^0 RES, 1310.6
- NCπ^0 MEC, 1.2
- CCπ^0, 411.6
- CC Other, 239.1
- Pred. Uncertainty
- EXT, 188.1
- Out FV, 95.1
- NCπ^0 QE, 16.3
- NCπ^0 DIS, 244.3
- NCπ^0 other, 0.0
- NC Other, 140.8
- $\nu_e/\bar{\nu}_e$ CC, 9.3

Event counts

Data/Pred

Total Uncertainty

Stat. + Flux + Cross Sec.

π^0 Total Energy [MeV]

NCpi0BDT_PC_0p_bnb_12_pi0_energy_all

NCpi0BDT_PC_Np_bnb_12_pi0_energy_all