

## NCpi0BDT\_FC\_bnb\_12\_kine\_pio\_energy\_high\_all ΣData/ΣPrediction=0.97±0.26 χ²/ndf=9.9/20 Pred. Uncertainty POT: 6.37e+20 PO1: 6.37e+20 BNB Data, 4857.0 Cosmic, 118.0 Dirt, 49.0 NC $\pi^0$ COH, 89.4 NC $\pi^0$ RES, 1894.4 NC $\pi^0$ MEC, 1.1 NC Other, 418.2 $v_e/\overline{v}_e$ CC, 26.0 EXT, 465.8 Out FV, 367.0 $NC\pi^0$ QE, 16.6 $NC\pi^0$ DIS, 371.8 $CC\pi^0$ , 746.2 CC Other, 420.6 **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight

300

400

500

Leading shower Energy [MeV]

600

Event counts

1600

400

1200

1000

800

600

400

200

1.8 1.6

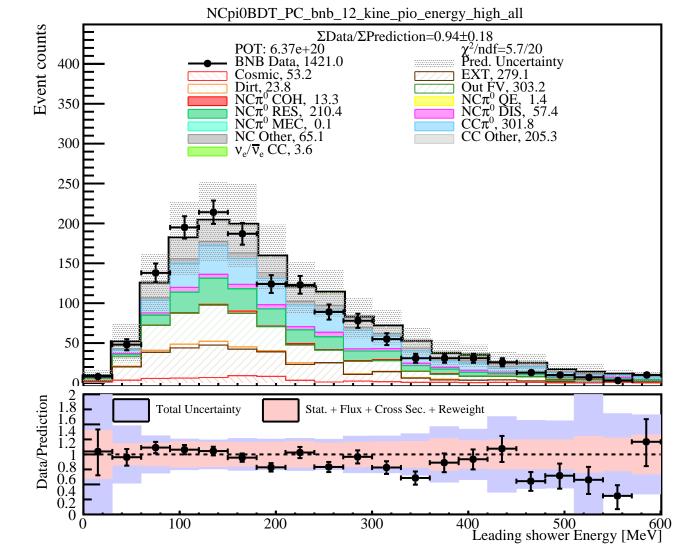
1.4 1.2

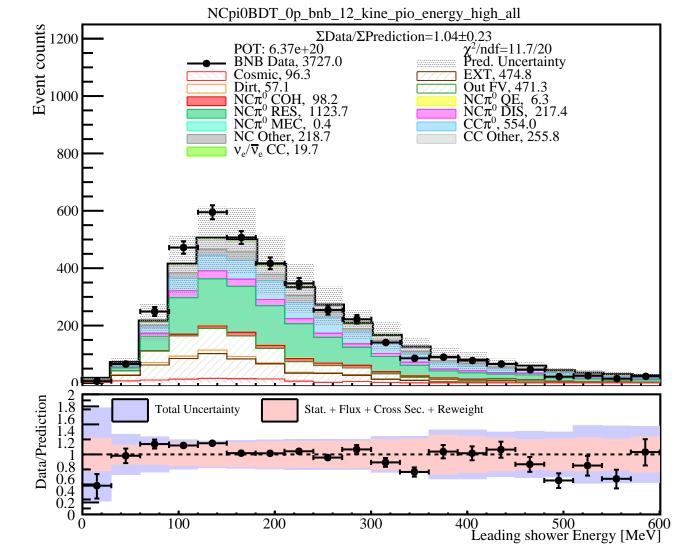
0.8 0.6 0.4 0.2 0

100

200

Data/Prediction





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