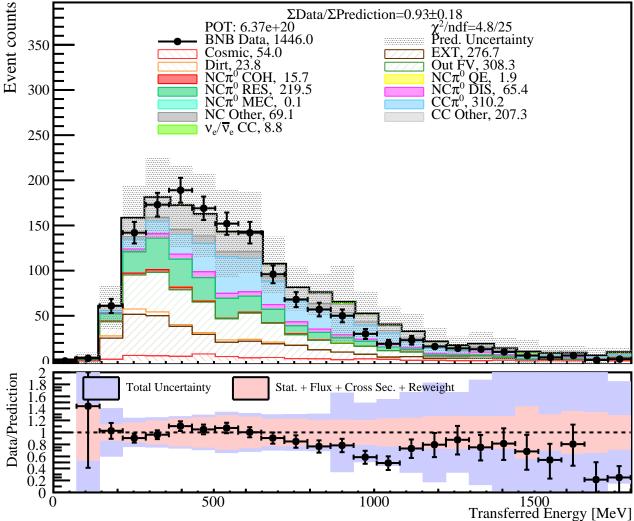
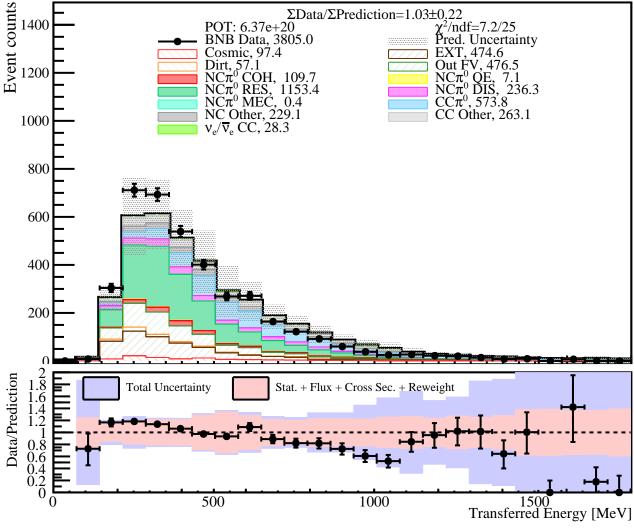


## NCpi0BDT\_PC\_bnb\_12\_nc\_transferred\_energy\_all $\Sigma$ Data/ $\Sigma$ Prediction=0.93±0.18 χ²/ndf=4.8/25 Pred. Uncertainty POT: 6.37e+20 BNB Data, 1446.0 Cosmic, 54.0 Dirt, 23.8 NCπ<sup>0</sup> COH, 15.7 NCπ<sup>0</sup> RES, 219.5 NCπ<sup>0</sup> MEC, 0.1 NC Other, 69.1 EXT, 276.7 Out FV, 308.3 $NC\pi^0$ QE, 1.9 $NC\pi^0$ DIS, 65.4 $CC\pi^0$ , 310.2 CC Other, 207.3 $v_e/\overline{v}_e$ CC, 8.8



## NCpi0BDT\_0p\_bnb\_12\_nc\_transferred\_energy\_all $\Sigma$ Data/ $\Sigma$ Prediction=1.03 $\pm$ 0.22 $\chi^2/ndf = 7.2/25$ POT: 6.37e+20 PO1: 6.3/e+20 BNB Data, 3805.0 Cosmic, 97.4 Dirt, 57.1 NC $\pi^0$ COH, 109.7 NC $\pi^0$ RES, 1153.4 NC $\pi^0$ MEC, 0.4 NC Other, 229.1 $v_e/\overline{v}_e$ CC, 28.3 Pred. Uncertainty EXT, 474.6 Out FV, 476.5 $NC\pi^0$ QE, 7.1 $NC\pi^0$ DIS, 236.3 $CC\pi^0$ , 573.8 CC Other, 263.1 Stat. + Flux + Cross Sec. + Reweight



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