NCpi0BDT\_FC\_Np\_bnb\_12\_pi0\_energy\_all Event counts ΣData/ΣPrediction=0.74±0.18 200 POT: 6.37e+20 POT: 6.3/e+20 BNB Data, 2023.0 Cosmic, 57.7 Dirt, 11.5 NCπ<sup>0</sup> COH, 4.2 NCπ<sup>0</sup> RES, 1310.6 NCπ<sup>0</sup> MEC, 1.2 CCπ<sup>0</sup>, 411.6 CC Other, 239.1 1000 800 600 400 200 1.8 1.6 1.4 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. 1.4 1.2 1 0.8 0.6 0.4 0.2 0  $\pi^0$  Total Energy [MeV] 200 400 600 800