generic_Np_bnb_12_nc_pio_score_all Event counts $\Sigma Data/\Sigma Prediction=0.97\pm0.16$ $\chi^2/ndf=30.0/60$ POT: 6.37e+20 BNB Data, 117515.0 Pred. Uncertainty Cosmic, 1434.9 EXT, 6588.0 Dirt, 1008.5 Out FV, 4471.8 $NC\pi^0$ COH, 13.5 $NC\pi^0$ non-COH, 3464.7 $CC\pi^{0}$, 9718.2 NC Other, 9991.4 CC Other, 83338.4 v_e/\overline{v}_e CC, 590.0 6000 4000 2000 Data/Pred **Total Uncertainty** Stat. + Flux + Cross Sec. 0.8 0.6 0.4 0.2 0-10 **BDT Score**