CCpi0_PC_0p_bnb_12_muon_momentum_all Event counts Σ Data/ Σ Prediction=1.02 \pm 0.21 χ²/ndf=18.7/25 Pred. Uncertainty POT: 6.37e+20 PO1: 6.37e+20BNB Data, 1788.0 Cosmic, 10.0 Dirt, 4.1 NC π^0 COH, 0.1 NC π^0 RES, 18.2 NC π^0 MEC, 0.0 NC Other, 9.7 v_e/\overline{v}_e CC, 5.6 500 EXT, 57.4 Out FV, 28.4 NC π^0 QE, 0.4 NC π^0 DIS, 19.7 CC π^0 , 1223.6 CC Other, 378.1 400 300 200 100 1.8 1.6 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight 1.4 1.2 0.8 0.6 0.4 0.2 0 1200 1400 Muon Momentum [MeV/c] 200 400 1000 600 800