CCpi0_PC_bnb_12_cc_transferred_energy_all Event counts ΣData/ΣPrediction=0.93±0.22 200 χ²/ndf=42.1/20 Pred. Uncertainty POT: 6.37e+20 PO1: 6.37e+20BNB Data, 4366.0Cosmic, 19.8 Dirt, 5.5 NC π^0 COH, 0.1 NC π^0 RES, 45.7 NC π^0 MEC, 0.0 NC Other, 24.2 v_e/\overline{v}_e CC, 9.9 EXT, 111.5 Out FV, 55.7 NCπ⁰ QE, 0.4 NCπ⁰ DIS, 43.0 CCπ⁰, 3498.4 CC Other, 865.7 000 800 600 400 200 Data/Prediction **Total Uncertainty** Stat. + Flux + Cross Sec. + Reweight .4

1000

500

1500 Transferred Energy [MeV]