Run combined 16000 MicroBooNE Preliminary 6.37e+20 POT Out. fid. vol.: 2612.3 v_{μ} CC 0p +: 7446.7 ν_{μ} CC Np +: 2377.7 v_e CC0 π Np: 24.1 ν NC: 1598.8 ν_e CC: 54.2 EXT: 11038.7 ν_{μ} CC 1p⁺: 20910.4 14000 ν NC π^0 : 392.2 $v_e \ CC0\pi 0p: 4.1$ BNB: 57644 ν_{μ} CC 2p +: 6121.0 Cosmic: 2779.8 12000 N. Entries / 0.08 10000 8000 6000 4000 2000 1.50 BNB / (MC+EXT) 1.25 1.00 0.75 0.50

-0.50

-1.00

-0.75

-0.25

0.00

Muon $Cos(\theta)$

0.25

0.50

0.75

1.00