cos(Opening Angle Between the Muon and Both Protons<sub>Lab</sub>) MicroBooNE In-Progress Run 2 Accumulated POT: 2.62e+20 No. Events Data (Beam-On)
Stat. Unc.
Data (Beam-Off) 250 Dirt Other CCν<sub>e</sub> CC0pπ CCUp $\pi$ CC(N>=0)p(N>1) $\pi$ NC CC1p0 $\pi$ CC(N>2)p0 $\pi$ CC(N>=0)p1 $\pi$ CC2p0 $\pi$  (Signal) 200 150 100 50 Beam-On/(Simulation + Beam-Off) 2.5  $\chi^2_{\text{stat}}$ /No. Bins: 3.40 1.5 0.5 -0.5 0.5  $\cos({\rm Opening\ Angle\ Between\ the\ Muon\ and\ Both\ Protons}_{\rm Lab})$