cos(Opening Angle Between the Muon and Both Protons<sub>Lab</sub>) MicroBooNE In-Progress Run 1 Accumulated POT: 1.62e+20 No. Events Data (Beam-On) Stat. Unc. Data (Beam-Off) 140 Dirt CCv CCDIS 120 NC CCQE **CCRES** 100 CCMEC 80 60 40 20 Beam-On/(Simulation + Beam-Off) 2.5  $\chi^2_{\text{stat}}$ /No. Bins: 1.92 1.5 0.5 -0.5 -1 0.5 cos(Opening Angle Between the Muon and Both Protons<sub>Lab</sub>)