cos(Opening Angle Between the Muon and Leading Proton_{Lab}) MicroBooNE In-Progress Run 3 Accumulated POT: 2.55e+20 No. Events Data (Beam-On) 250 Stat. Unc. Data (Beam-Off) Dirt CCv CCDIS 200 NC CCQE **CCRES** CCMEC 150 100 50 Beam-On/(Simulation + Beam-Off) 2.5 χ^2_{stat} /No. Bins: 2.33 1.5 0.5 -0.5 0.5 cos(Opening Angle Between the Muon and Leading Proton_{Lab})