Before re-calibration, residual range > 30 cm Longest track, trk-score > 0.5 track length > 30 cm, start-end fiducial trk-vtx distance < 5 cm, muon-momentum-consistency < 0.5 plane 2, 0.30 < pitch < 0.40 &  $0.00 < \phi < 0.26$ MicroBooNE Preliminary



