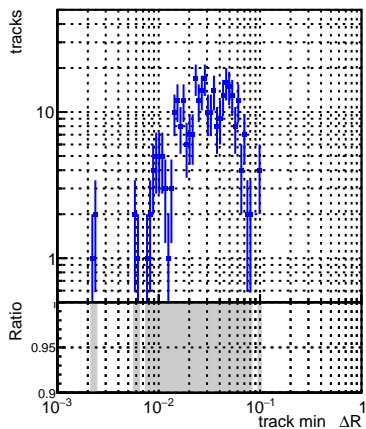


### N of reconstructed tracks vs dR



N of associated tracks (recoToSim) vs dR

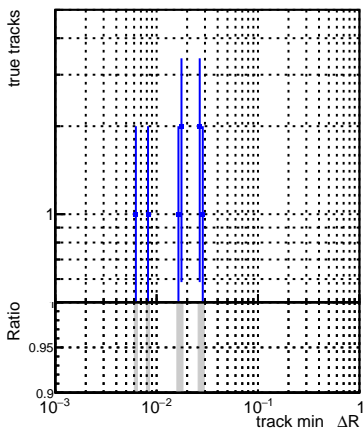
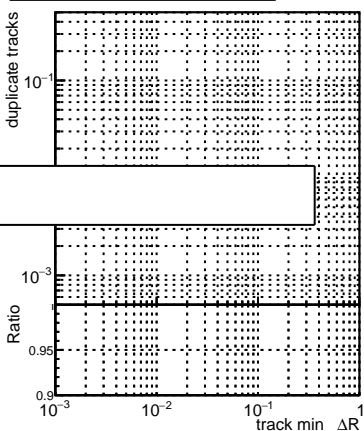
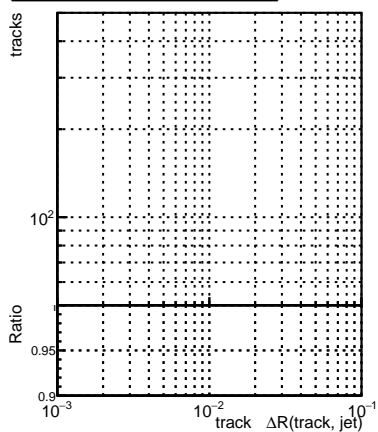


Figure 1 is a log-log plot showing the ratio of fake tracks to total tracks as a function of track minimum separation ( $\Delta R$ ) for the `DQM_test_doubleFit` selection. The y-axis is labeled 'Ratio' and ranges from 0.9 to 1.0. The x-axis is labeled 'track min  $\Delta R$ ' and ranges from  $10^{-3}$  to 1. The plot shows a sharp drop in the ratio at  $\Delta R \approx 10^{-2}$ , followed by a plateau around 0.95. A legend indicates 'DQM\_test\_doubleFit'.

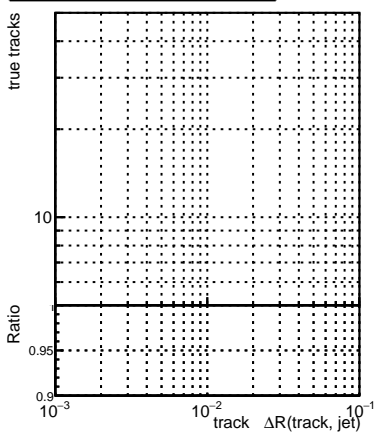
N of associated (recoToSim) loop tracks vs dR



**N of reconstructed tracks vs dR(track,jet)**



N of associated tracks (recoToSim) vs dR(track,jet)



N of associated (recoToSim) looper tracks vs dR(track,jet)

