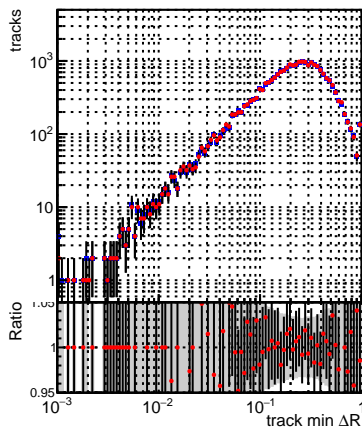


N of reconstructed tracks vs dR



N of associated tracks (recoToSim) vs dR

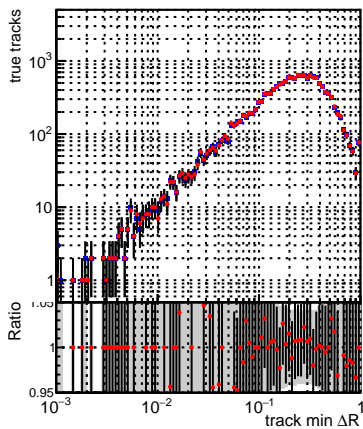
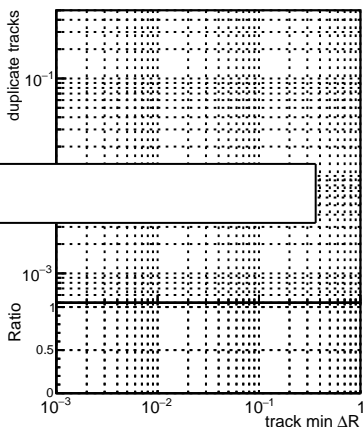
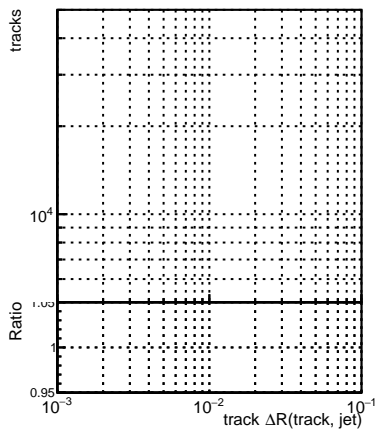


Figure 1 consists of two panels. The top panel is a log-log plot of 'fake tracks' (y-axis, ranging from 10 to 1000) versus 'track min ΔR ' (x-axis, ranging from 10^{-3} to 1). It shows two data series: 'DQM_TT_mkFit-DQM_original-0' (blue circles) and 'DQM_TT_mkFit-DQM_updated-0' (red circles). The original version shows a peak in fake tracks around $\Delta R \approx 0.5$, while the updated version shows a much lower and flatter distribution. The bottom panel is a log-log plot of 'Ratio' (y-axis, ranging from 0.95 to 1.1) versus 'track min ΔR ' (x-axis, ranging from 10^{-3} to 1). It shows the ratio of the updated version to the original version. The ratio is mostly around 1.0, with some fluctuations, indicating that the updated version is generally consistent with the original version but with some improvements at specific ΔR values.

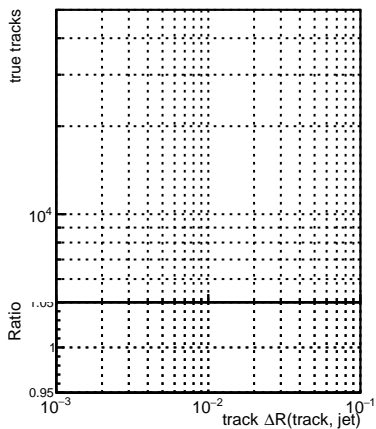
N of associated (recoToSim) loop tracks vs dR



N of reconstructed tracks vs dR(track,jet)



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



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

