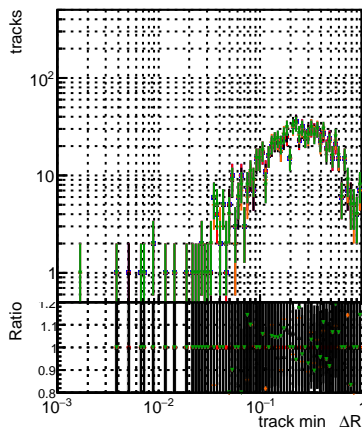


N of reconstructed tracks vs dR



N of associated tracks (recoToSim) vs dR

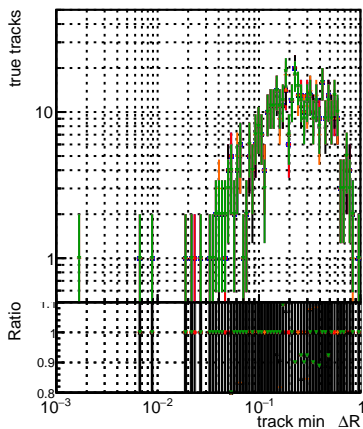
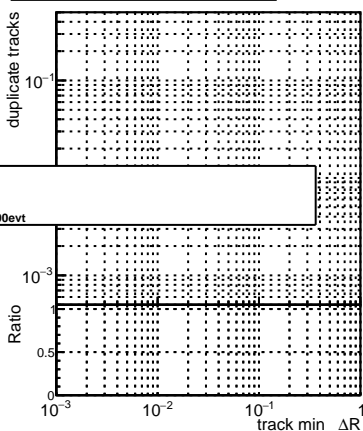


Figure 10 is a log-log plot showing the ratio of fake tracks to total tracks versus the track minimum difference (ΔR_{\min}). The y-axis is labeled 'Ratio' and ranges from 0.9 to 1.2. The x-axis is labeled 'track min ΔR ' and ranges from 10^{-3} to 10^{-1} . The plot compares the DQM original distribution (black dots) with the DQM fitted distribution (red line) for 1000evt and 10000evt samples. The legend indicates the following series:

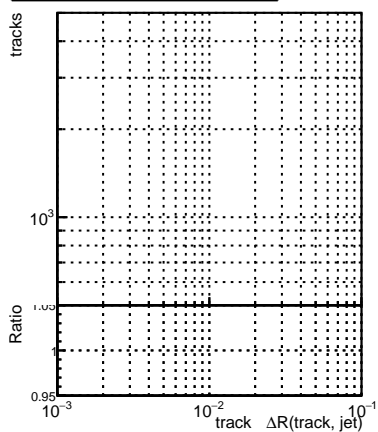
- DQM original 1000evt (black dots)
- DQM original 10000evt (black dots)
- DQM fitted 1000evt (red line)
- DQM fitted 10000evt (red line)
- DQM fit cpeOK 1000evt (blue line)
- DQM fit cpeOK 10000evt (blue line)
- DQM fit cpeOK SORTR22 TESTOUTLIER (green line)

The plot shows that the ratio of fake tracks to total tracks is generally close to 1.0, indicating that the DQM fit is a good approximation of the original distribution. The ratio increases slightly for $\Delta R_{\min} > 10^{-1}$.

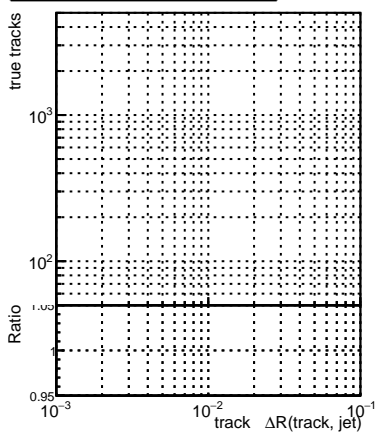
N of associated (recoToSim) loop tracks vs dR



N of reconstructed tracks vs dR(track,jet)



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



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

