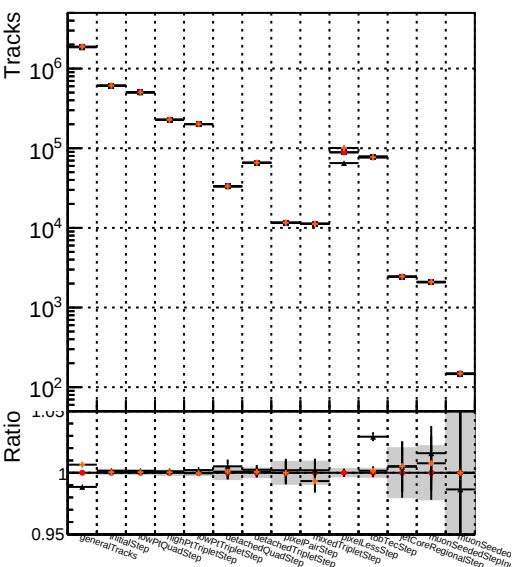
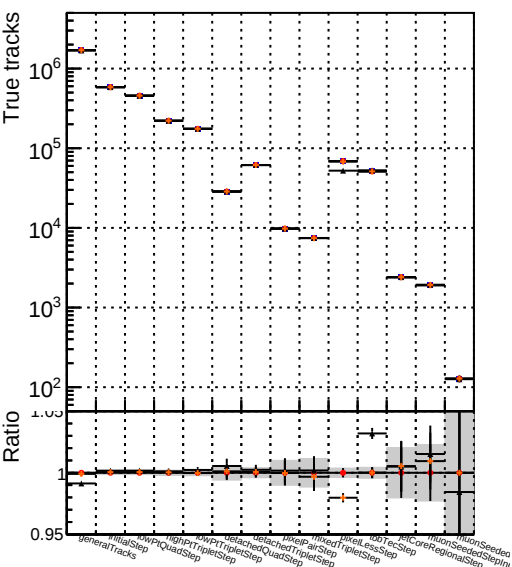


Number of tracks vs collection



Number of true tracks vs collection



Number $\rightarrow$ DQM_TT_original_lowpt_pLess
 $\rightarrow$ DQM_TT_newbranch_lowpt_pLess

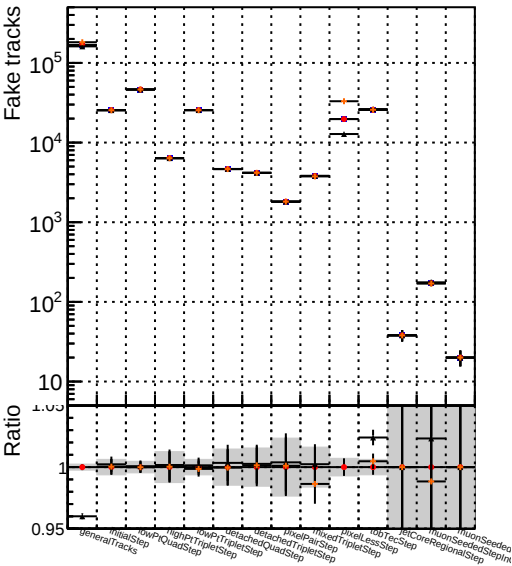


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various steps in the process. The y-axis is labeled 'Duplicate tracks' and ranges from 10^0 to 10^5 . The x-axis is labeled 'Ratio' and ranges from 0.95 to 1.05. The plot shows the ratio of duplicate tracks for each step, with error bars indicating variability. The steps are: GeneralTracks, InitialStep, TopStep, HighPTStep, TopPTTripletsStep, DetachedQuadsStep, DetachedTripletsStep, PileupStep, PileupTripletsStep, TopLessStep, TopRecStep, CoreStep, RegionStep, SeedStep, and RegionStep. The ratios are generally close to 1.0, with some steps showing higher ratios (e.g., TopStep, HighPTStep, DetachedQuadsStep, DetachedTripletsStep, PileupStep, PileupTripletsStep, TopLessStep, TopRecStep, CoreStep, RegionStep).

Number of pileup tracks vs collection

