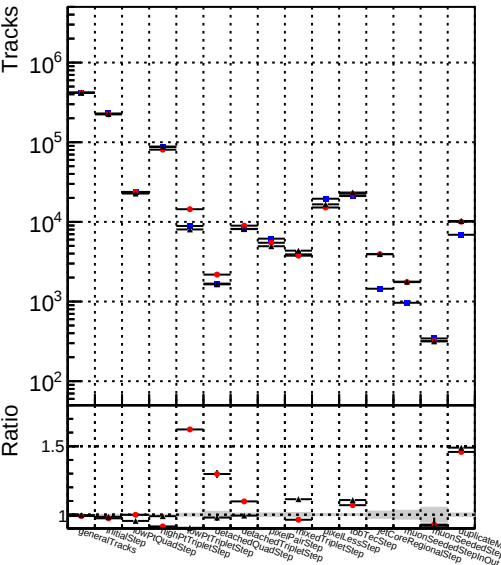
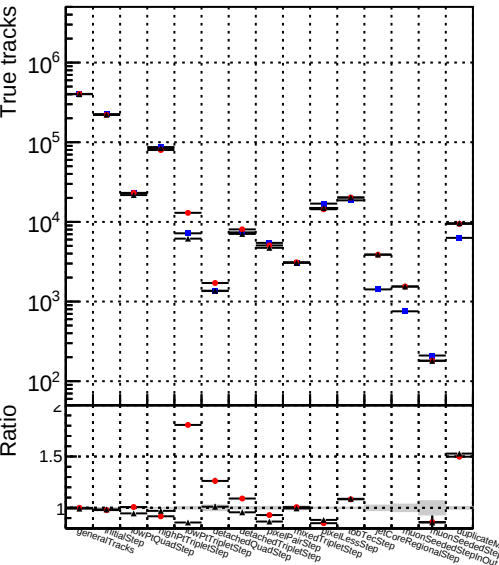


Number of tracks vs collection



Number of true tracks vs collection



Number

- DQMstep3_TT_CKF
- DQMstep3_TT_default
- DQMstep3_TT_defaultNEWT

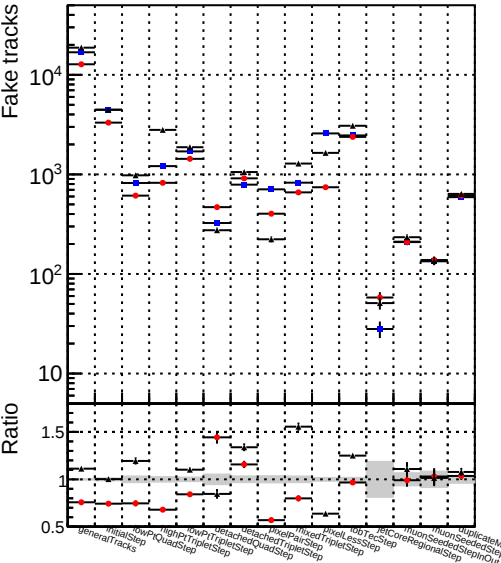


Figure 1 is a log-linear plot showing the ratio of duplicate tracks to total tracks for various steps in the pipeline. The y-axis is labeled 'Ratio' and ranges from 0 to 10,000 on a logarithmic scale. The x-axis lists the steps: GeneralTracks, InitialStep, FinalStep, QuasiStep, RejectedStep, RejectedPairStep, RejectedTripleStep, RejectedCoreStep, RejectedRegionalStep, RejectedSeedStep, RejectedSeedPairStep, RejectedSeedTripleStep, and DuplicateStep. A horizontal line at Ratio=1 indicates the baseline. Most steps have ratios near 1, with some outliers like RejectedStep and RejectedTripleStep showing higher ratios.

Step	Ratio (approx.)
GeneralTracks	10,000
InitialStep	1.5
FinalStep	2.5
QuasiStep	2.5
RejectedStep	20
RejectedPairStep	45
RejectedTripleStep	60
RejectedCoreStep	60
RejectedRegionalStep	2.5
RejectedSeedStep	0.1
RejectedSeedPairStep	0.1
RejectedSeedTripleStep	0.1
DuplicateStep	1

Number of pileup tracks vs collection

