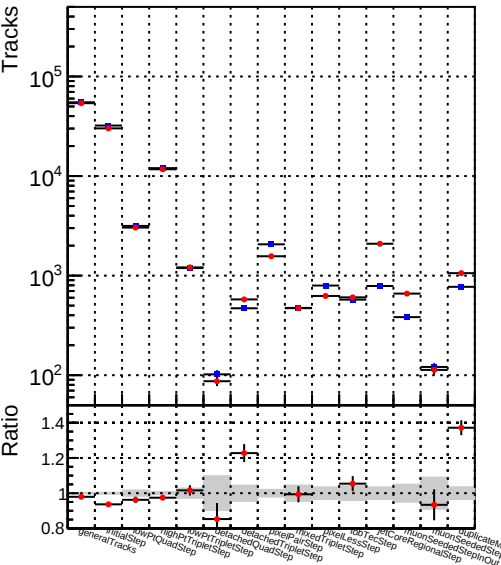
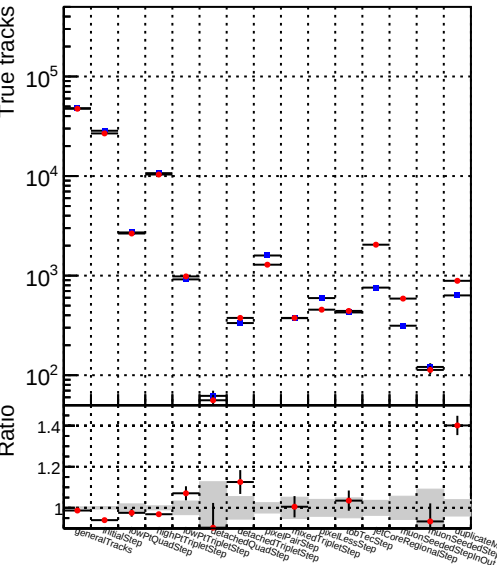


Number of tracks vs collection



Number of true tracks vs collection



DQM_V0001_R000000001_Global_CMSSW_ckf_RECO

Number	●	DQM_V0001_R000000001	Global	CMSSW	mkFitOriginal	RECO
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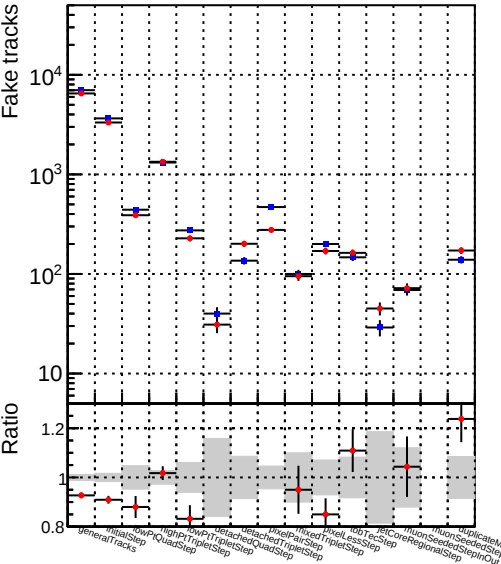


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various steps in the analysis pipeline. The y-axis is labeled 'Ratio' and ranges from 0.8 to 100 (labeled as 10²). The x-axis lists 15 steps: GeneralTracks, MissedStep, HighP1QuadStep, HighP1TriplStep, DetachedTriplStep, DetachedQuadStep, MissedPairStep, MissedTriplStep, MissedQuadStep, RecoreStep, RecoreRegionalStep, MissedSeedStep, MissedSeedRegionalStep, DuplicateOut, and DuplicateStep. The plot shows that most steps have a ratio close to 1.0, indicated by a grey shaded region. However, 'HighP1TriplStep' and 'HighP1QuadStep' show significantly higher ratios, around 4.0 and 2.0 respectively, with error bars. 'DuplicateOut' shows a ratio near 100.0.

Number of pileup tracks vs collection

