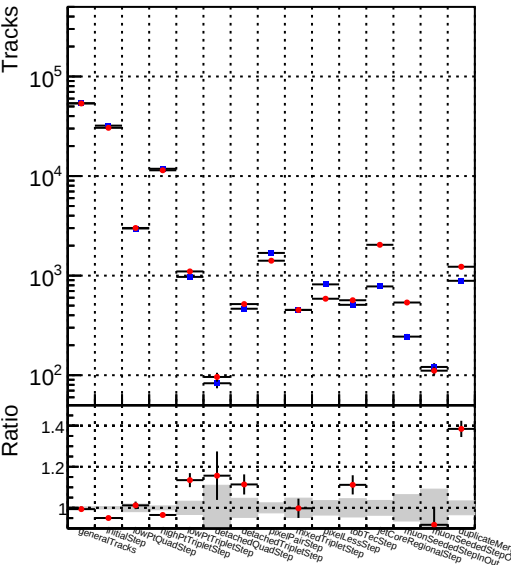
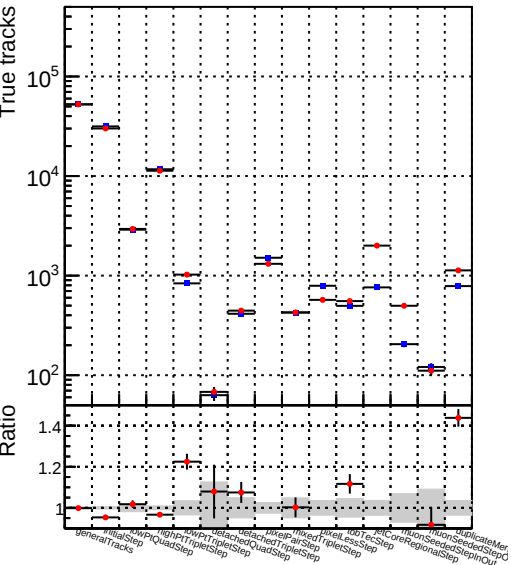


Number of tracks vs collection



Number of true tracks vs collection



DQM_V0001_R000000001_Global_CMSSW_ckfnocut2_RECO

Number	—●—	DQM_V0001_R000000001_Global_CMSSW_mknocut2_RECO
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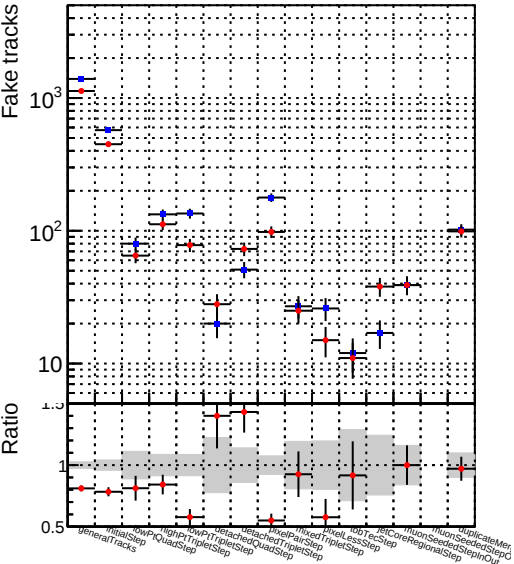


Figure 1 is a log-log plot showing the ratio of duplicate tracks to total tracks for various steps in the pipeline. The y-axis is labeled 'Ratio' and ranges from 0.6 to 10². The x-axis lists the steps: GeneralTracks, InitialStep, HighPRTriplesStep, QuadsStep, QuadsDescribedStep, PairsStep, PairsDescribedStep, PairsLessStep, PairsCoreStep, PairsRegionalStep, PairsSeedStep, PairsSeedOutStep, DuplicateMergeStep. Data points are shown as red and blue dots with error bars. A horizontal line is drawn at Ratio = 1. A shaded gray region highlights the 'QuadsStep' and 'QuadsDescribedStep' area.

Step	Ratio (Red)	Ratio (Blue)
GeneralTracks	~0.65	~110
InitialStep	~0.65	~110
HighPRTriplesStep	~2.5	~2.5
QuadsStep	~2.5	~2.5
QuadsDescribedStep	~2.5	~2.5
PairsStep	~2.5	~2.5
PairsDescribedStep	~2.5	~2.5
PairsLessStep	~2.5	~2.5
PairsCoreStep	~2.5	~2.5
PairsRegionalStep	~2.5	~2.5
PairsSeedStep	~2.5	~2.5
PairsSeedOutStep	~2.5	~2.5
DuplicateMergeStep	~2.5	~2.5

Number of pileup tracks vs collection

