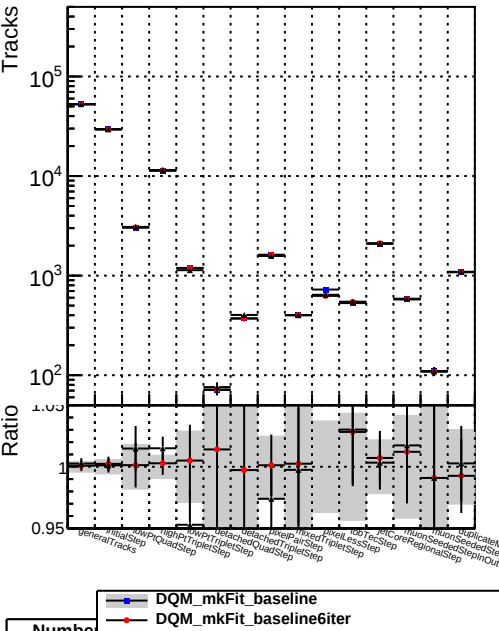
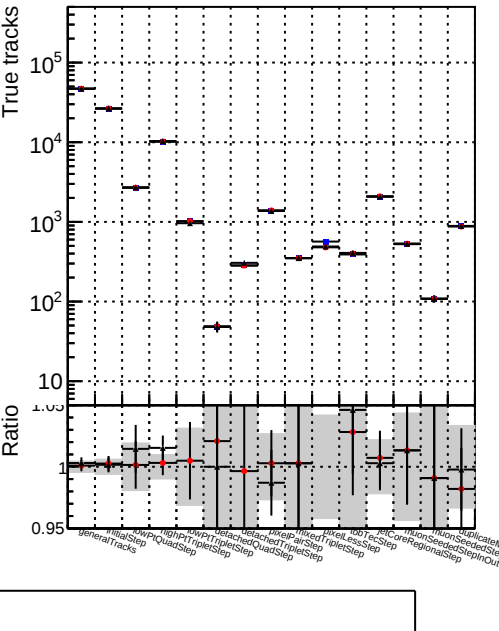


Number of tracks vs collection



Number of true tracks vs collection



Number	Model
1	DQM_mkFit_basellhe6iter
2	DQM_mkFit_TT_RetrainV2_WP1_6iter_ep3

Number

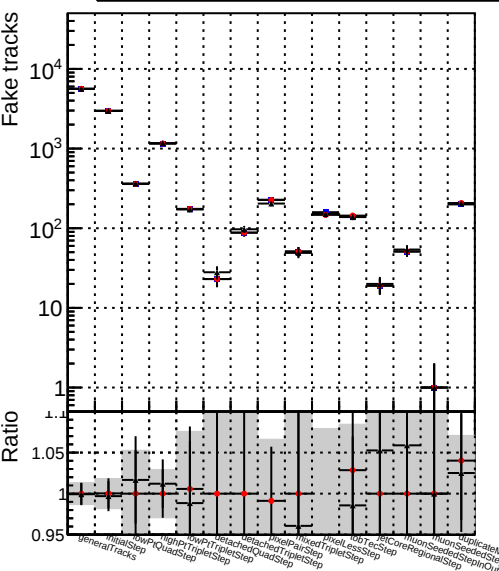


Figure 1 is a dot plot with error bars showing the ratio of duplicate tracks to total tracks for various steps in the workflow. The y-axis is labeled 'Ratio' and is on a logarithmic scale from 1 to 10^2 . The x-axis lists the steps: GeneralTracks, InitialStep, HighPRTriplesStep, LowPRTriplesStep, DetachedTracksStep, PrincipalPairStep, InterTripleStep, TripleStep, WaterStep, MC-CoreRegionalStep, SensSeedsStep, DuplicateSeedsStep, and DuplicateTracks. Each step is represented by a grey dot (the ratio) and a vertical error bar. The 'DuplicateTracks' step has a significantly higher ratio, around 50, while all other steps have ratios very close to 1.

Step	Ratio (approx.)
GeneralTracks	1.0
InitialStep	1.0
HighPRTriplesStep	1.0
LowPRTriplesStep	1.0
DetachedTracksStep	1.0
PrincipalPairStep	1.0
InterTripleStep	1.0
TripleStep	1.0
WaterStep	1.0
MC-CoreRegionalStep	1.0
SensSeedsStep	1.0
DuplicateSeedsStep	1.0
DuplicateTracks	50.0

Number of pileup tracks vs collection

