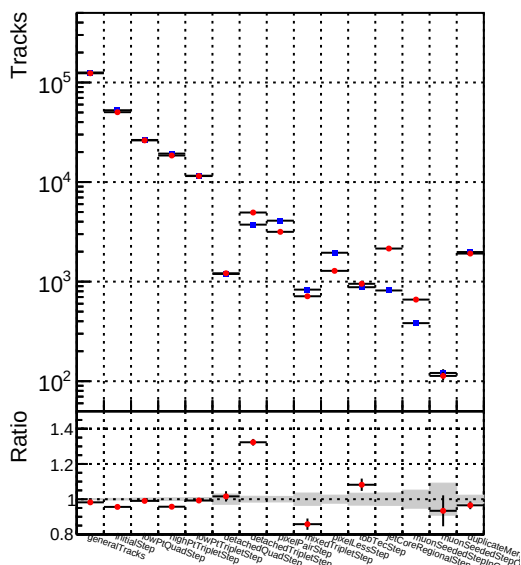
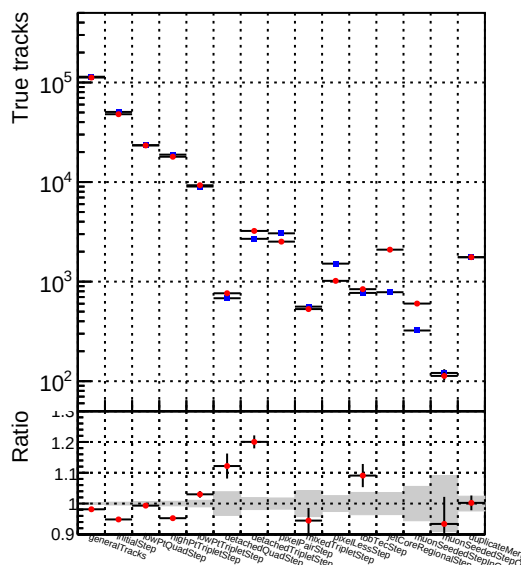


Number of tracks vs collection



Number of true tracks vs collection



■ DQM_V0001_R000000001_Global_CMSSW_ckf_RECO

Number	Legend
1	DQM V0001 R000000001 Global CMSSW mkFitOriginal RECO

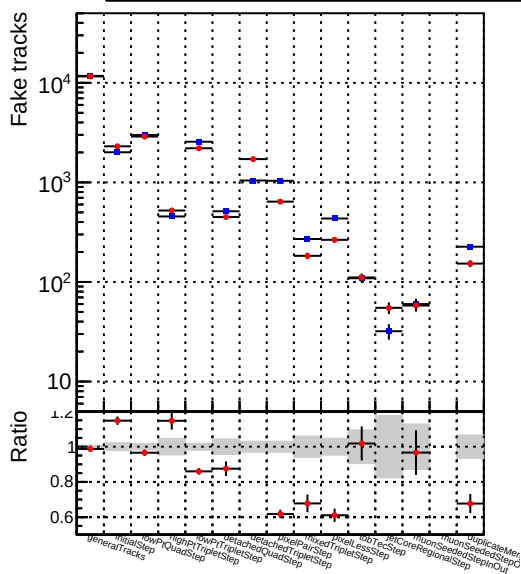


Figure 1 is a combined bar and scatter plot. The x-axis lists 15 steps in the pipeline. The left y-axis represents the 'Ratio' from 0.7 to 1.0. The right y-axis represents 'Duplicate tracks' on a logarithmic scale from 10¹ to 10². Grey bars show the ratio for each step. Blue and red dots with error bars show the number of duplicate tracks for each step. A horizontal line is drawn at Ratio = 1.0.

Step	Ratio (approx.)	Duplicate Tracks (approx.)
GeneralTracks	0.72	150
InitialStep	1.00	2.5
DropToQuasiStep	1.00	2.5
HighDepthTriplexStep	1.00	10
DetachedTriplexStep	0.88	15
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
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InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4
DetachedQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DropToQuasiStep	1.00	4
InitialStep	1.00	4
DropToQuasiStep	1.00	4
HighDepthTriplexStep	1.00	4
DetachedTriplexStep	1.00	4

Number of pileup tracks vs collection

