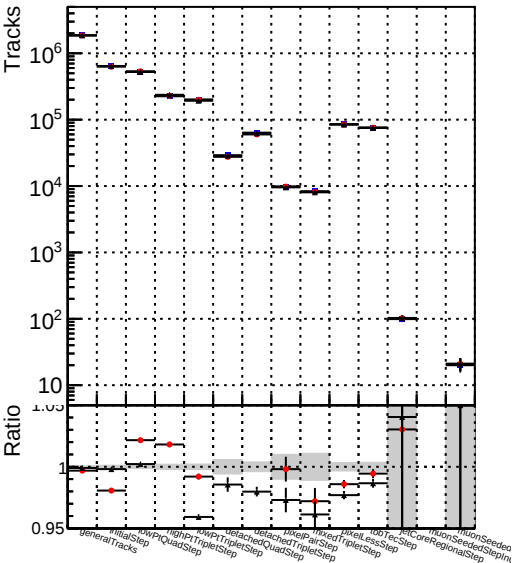
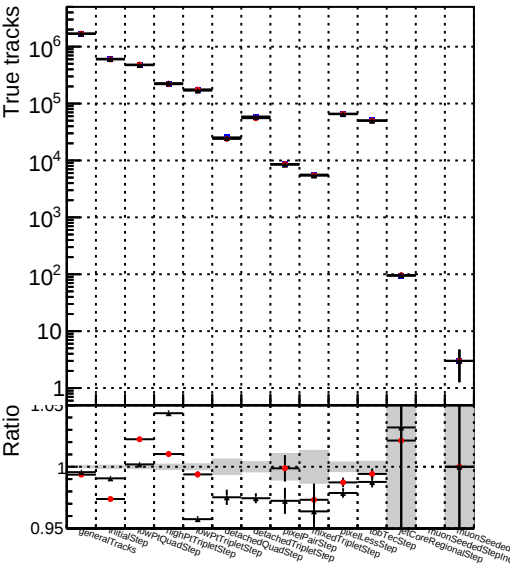


Number of tracks vs collection



Number of true tracks vs collection



Number	Legend
	● DQM_TT_mkFit-DQM_original-127
	★ DQM_TT_mkFit-DQM_mod-127

Number	●	DQM_TT_mkFit-DQM_original
	▲	DQM_TT_mkFit-DQM_mod-127

Number	●	DQM_TT_mkFit-DQM_original
	▲	DQM_TT_mkFit-DQM_mod-127

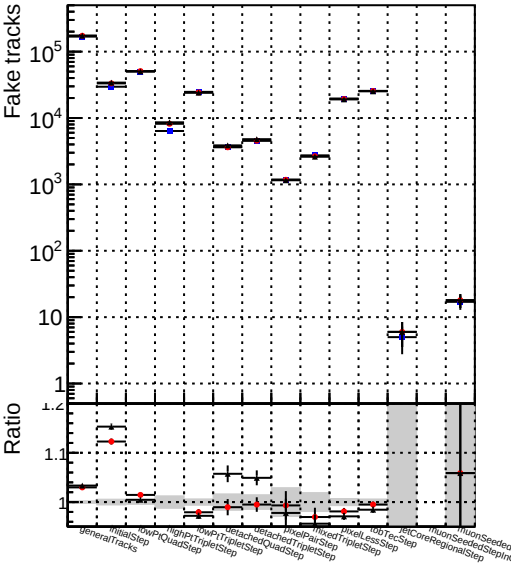


Figure 1 is a log-linear plot showing the number of duplicate tracks (Y-axis, logarithmic scale from 1 to 10^5) and the ratio of duplicate tracks to total tracks (X-axis, linear scale from 1 to 1.4) for various steps in the track analysis pipeline. The X-axis labels are: GeneralTracks, InitStep, LowPrTripletStep, HighPrTripletStep, DetachedTripletStep, AttachedTripletStep, PairsStep, FilteredTripletStep, PairsLessStep, FilteredStep, CoreStep, RegionStep, MissedStep, SeedStep, and RegionStep. The Y-axis is labeled 'Duplicate tracks' and 'Ratio'. The plot shows that the number of duplicate tracks is highest for 'GeneralTracks' and decreases significantly as the pipeline progresses through the various steps. The ratio of duplicate tracks to total tracks is also highest for 'GeneralTracks' and decreases as the pipeline progresses.

Number of pileup tracks vs collection

