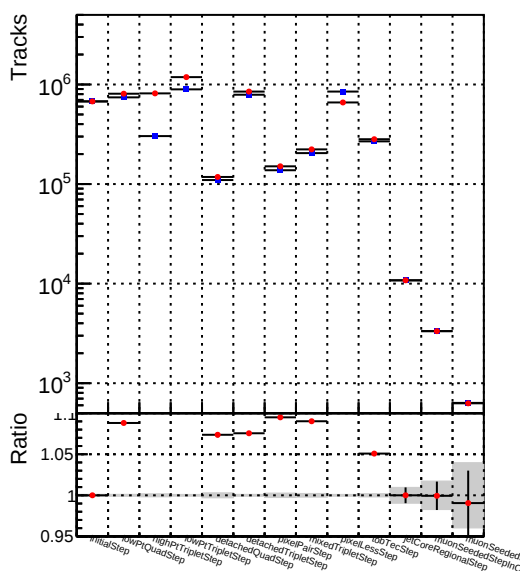
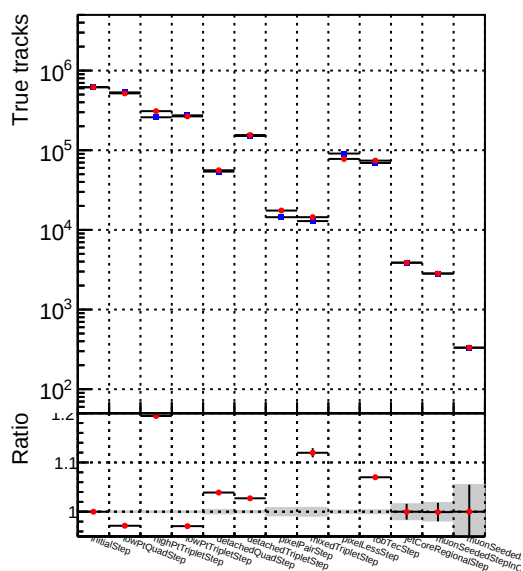


Number of tracks vs collection



Number of true tracks vs collection



Number	File Name
1	DQM_mkFit_TT_retrainOldFiles125_v2_prelimWP

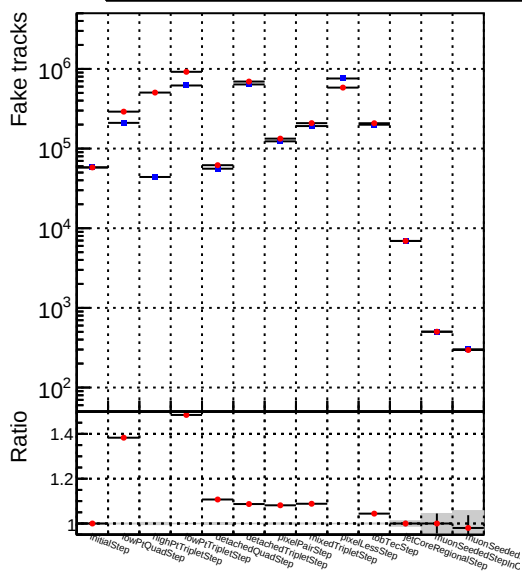


Figure 1 is a log-linear plot showing the number of duplicate tracks (left y-axis, logarithmic scale from 10 to 10,000) and the ratio of duplicate tracks to the total number of tracks (right y-axis, linear scale from 0.5 to 2.5) for various steps in the track reconstruction process. The x-axis lists the steps: InitialStep, PropFTQuadsStep, HighPFTripleStep, LowPFTripleStep, DetachedQuadsStep, AttachedTripleStep, RefinedTripleStep, TripleLessStep, RecStep, CoreRegionalStep, NeutronSeededStep, and NeutronSeededStepInc. The plot shows that the number of duplicate tracks increases significantly as the process progresses, particularly after the HighPFTripleStep and LowPFTripleStep. The ratio of duplicate tracks to the total number of tracks also increases, reaching a peak around the RefinedTripleStep and TripleLessStep steps.

Number of pileup tracks vs collection

