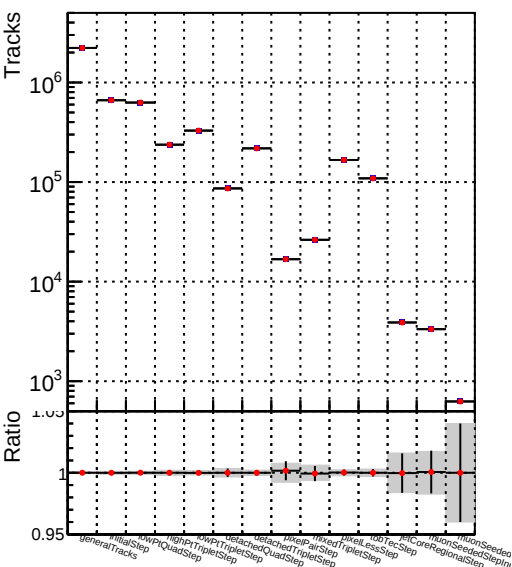
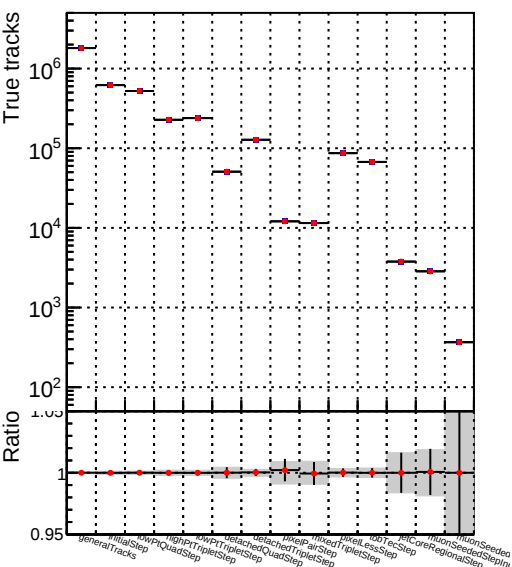


Number of tracks vs collection



Number of true tracks vs collection



 DQM_TT_ORIGINAL

Number —●— DQM_TT_MODIFIED_layerProcv2_PRVersion

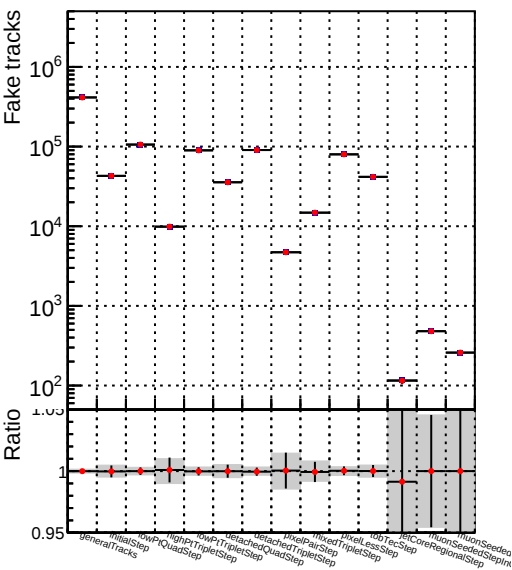


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various steps in the analysis pipeline. The y-axis is labeled 'Duplicate tracks' and ranges from 10⁰ to 10⁵. The x-axis lists 15 steps: GeneralTracks, InitialStep, FilterQuadsStep, HighPPTripleStep, LowPPTripleStep, DetachedQuadStep, DetachedTripleStep, TriplePairStep, TripleStep, LocalLessStep, GlobalLessStep, CoreRegionStep, MissSeedsStep, and RegionStep. The plot shows that the number of duplicate tracks is generally high for the initial steps and decreases significantly as the analysis progresses, with a notable peak in the 'DetachedTripleStep'.

Number of pileup tracks vs collection

