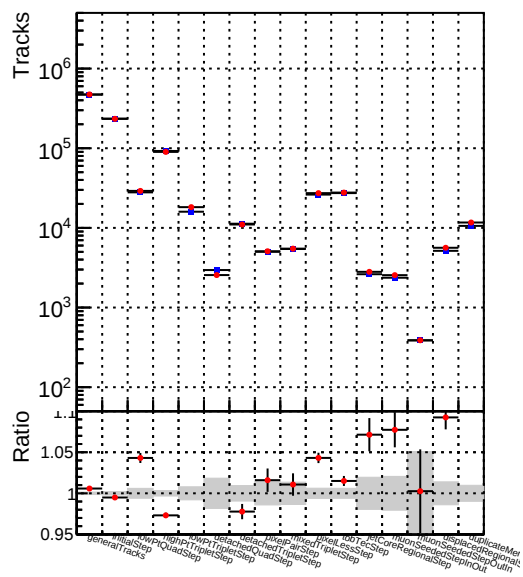
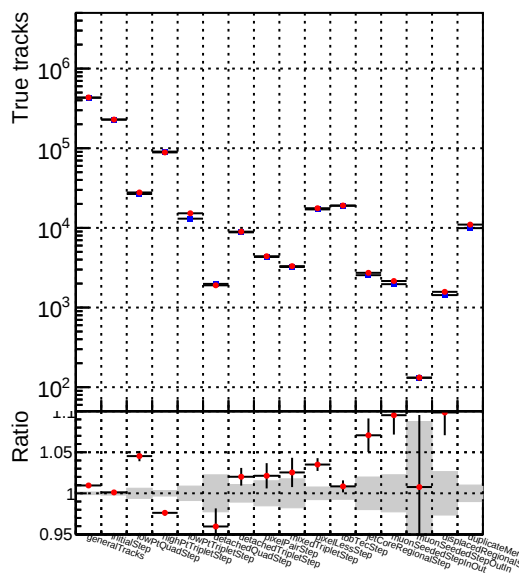


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_TT_newscore

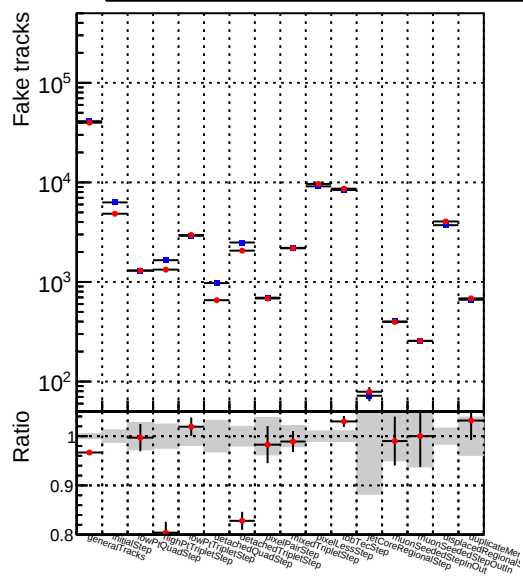


Figure 1 is a plot showing the ratio of duplicate tracks for various steps in the data reduction pipeline. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^4 on a logarithmic scale. The x-axis lists 20 steps: GeneralTracks, InitialStep, LowQuadsStep, HighQuadsStep, LowTripletsStep, HighTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep, PixelQuadsStep, PixelTripletsStep. The plot shows that the ratio of duplicate tracks is generally close to 1.0 for most steps, with some steps showing higher ratios (e.g., InitialStep and GeneralTracks) and others showing lower ratios (e.g., HighQuadsStep, HighTripletsStep, and PixelTripletsStep).

Number of pileup tracks vs collection

