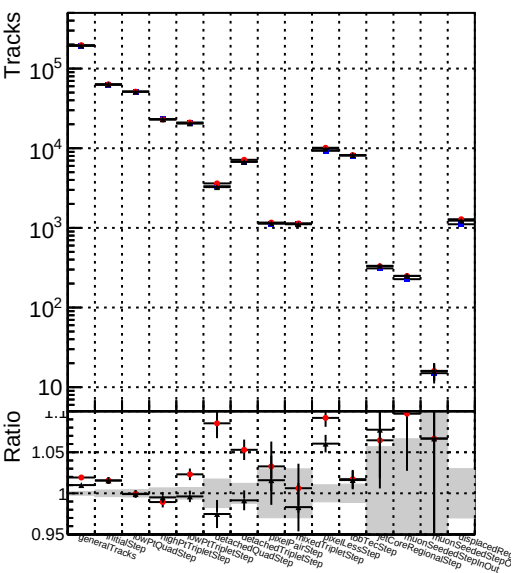
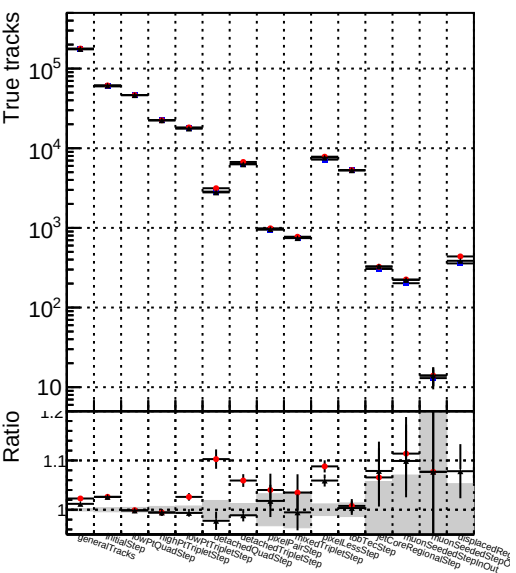


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_TT_modified_time2
—▲— DQM_TT_modifiedINIT_time2

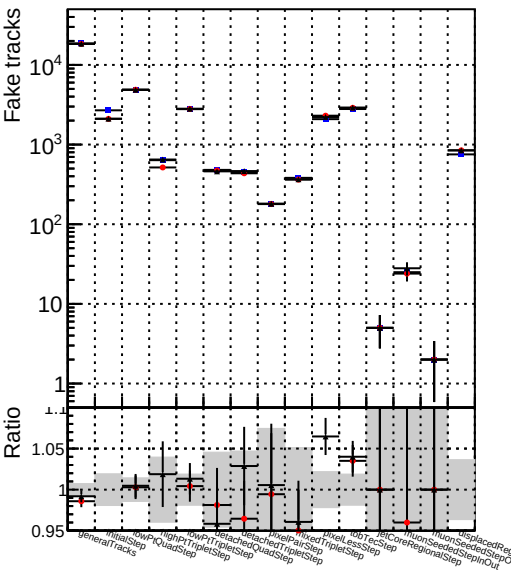


Figure 1 is a log-log plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.8 to 10⁴. The x-axis lists 16 methods: Minimal Tracks, InitialStep, DoubleStep, HighTripledStep, DetachedTripledStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, FixedStep, and FixedStep. A horizontal line at Ratio = 1 indicates the baseline. Data points are shown as black dots with error bars. The methods are grouped into three categories: Minimal Tracks (first 4 methods), Highly Replicated (middle 4 methods), and Less Step (last 8 methods). The Minimal Tracks group shows ratios mostly above 1, while the Highly Replicated and Less Step groups show ratios mostly below 1.

Number of pileup tracks vs collection

