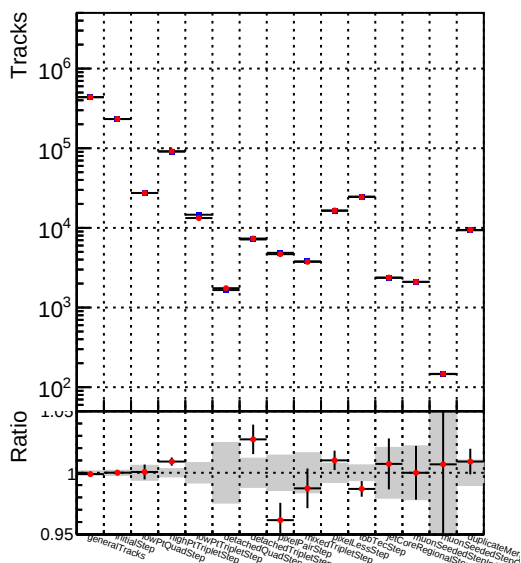
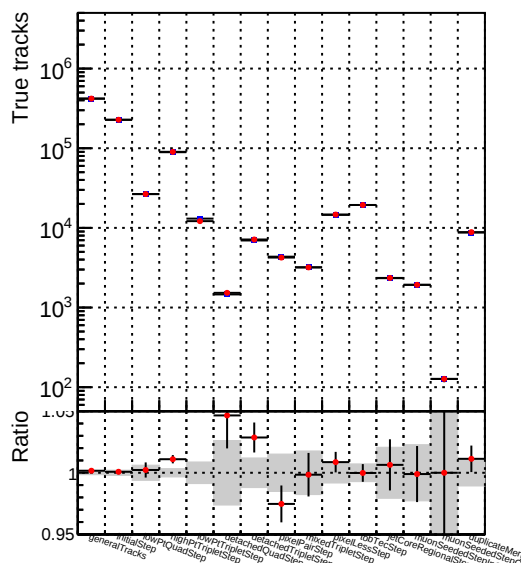


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_mkFit_TT_RetrainV2_WP1_6iter

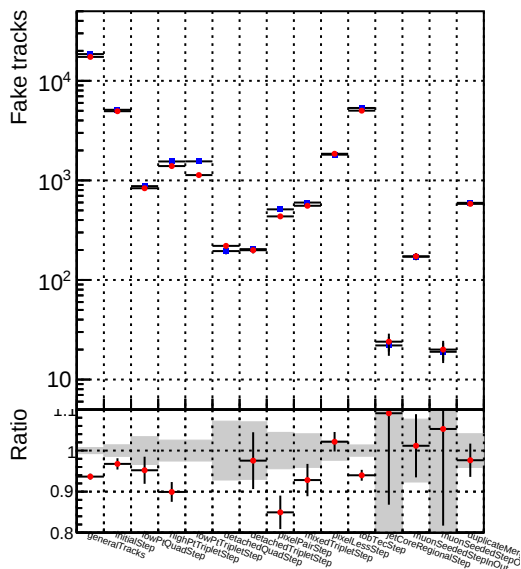


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various steps in the pipeline. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10,000 (10⁴) on a logarithmic scale. The x-axis lists 16 steps, grouped into four categories: 'general tracks' (steps 1-4), 'detached tracks' (steps 5-8), 'paired tracks' (steps 9-12), and 'core tracks' (steps 13-16). Steps 1-4 and 13-16 are shaded gray. Data points are shown as blue dots with vertical error bars and red horizontal error bars. Steps 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16 all have ratios very close to 1.0. Steps 17 and 18 (labeled 'Duplicate tracks' on the y-axis) show a significant increase in duplication, with ratios around 10⁴.

Number of pileup tracks vs collection

