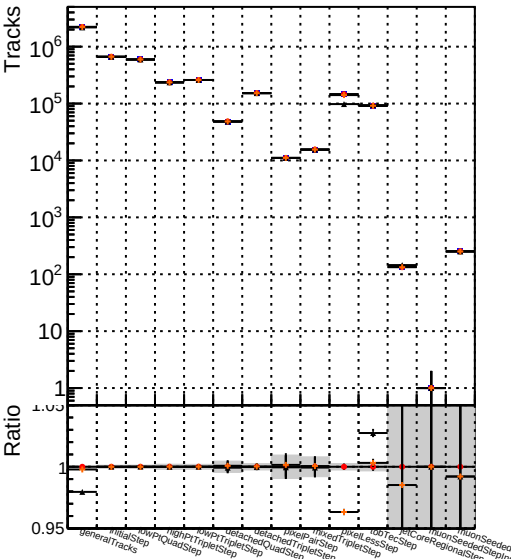
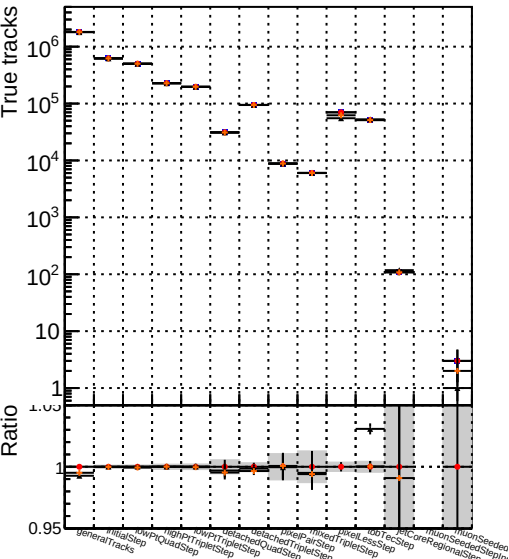


Number of tracks vs collection



Number of true tracks vs collection



Number

- DQM TT original
- DQM TT newbranch
- ▲ DQM TT original pLess
- ◆ DQM TT newbranch pLess

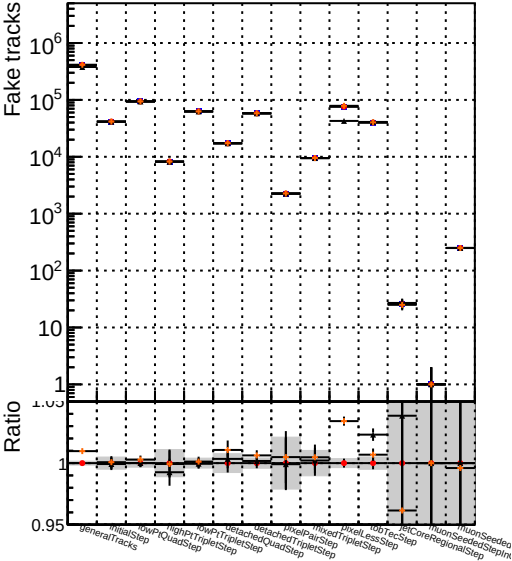


Figure 1: A log-linear plot showing the ratio of duplicate tracks for various methods. The y-axis is 'Ratio' on a log scale from 0.8 to 10⁵. The x-axis lists 16 methods: generalTracks, multiStep, highPrecision, highPrecisionQuasiStep, highPrecisionTripleStep, detachedTripleStep, detachedQuasiStep, pairedTripleStep, pairedQuasiStep, pairedLessStep, multiStep, multiStepCore, multiStepRegional, multiStepSeed, multiStepSeedCore, multiStepSeedRegional, multiStepSeedCoreRegional. A horizontal line at Ratio = 1 indicates the baseline. Methods are grouped into three categories: 'general tracks' (left), 'high precision' (middle), and 'low precision' (right). Each method has a black dot with error bars representing the mean and standard deviation. The 'general tracks' group shows ratios mostly between 10¹ and 10². The 'high precision' group shows ratios mostly between 10⁰ and 10¹. The 'low precision' group shows ratios mostly between 10⁰ and 10¹, with some methods showing higher ratios.

Number of pileup tracks vs collection

