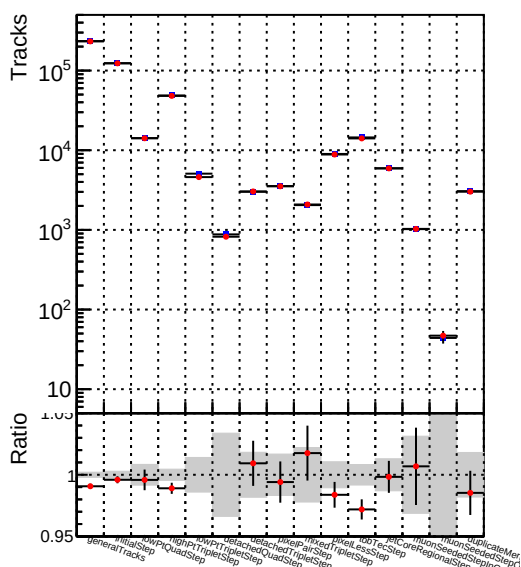
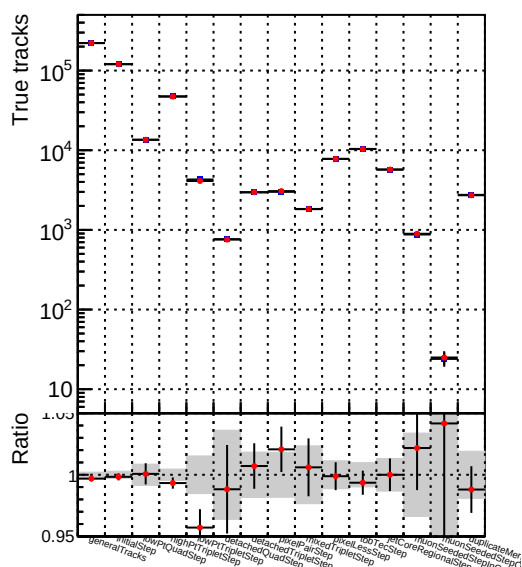


### Number of tracks vs collection



### Number of true tracks vs collection



—■ DQM\_CKF\_XiMinusNOPU\_base

|        |                                                                |
|--------|----------------------------------------------------------------|
| Number | —●— DQM_CKF_XiMinusNOPU_retrainOldFiles125_v2_prelimWPM_epoch0 |
|--------|----------------------------------------------------------------|

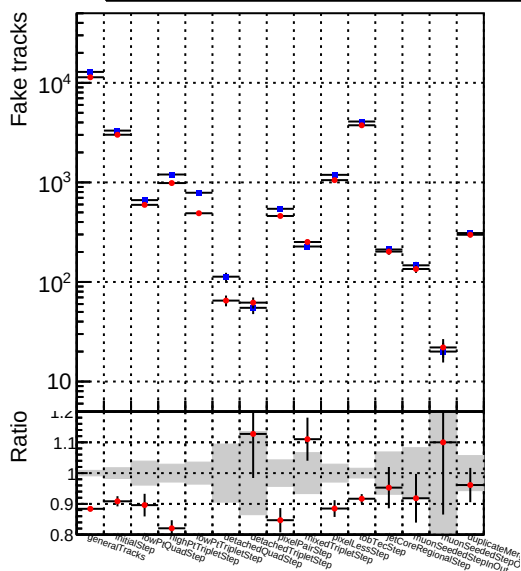


Figure 1 is a log-linear plot showing the ratio of duplicate tracks between different methods. The y-axis is labeled 'Ratio' and ranges from 0.9 to 10<sup>3</sup> on a logarithmic scale. The x-axis lists 16 methods: generalTracks, individualTracks, depthQuotient, higherTripletStep, lowerTripletStep, detachedTripletStep, triplePairStep, mixedTripletStep, bootLessStep, bootCoreStep, nonSelectionStep, duplicateMinStep, nonSelectionStep, duplicateMinStep, and duplicateMaxStep. The plot shows that the ratio is generally close to 1.0, with some methods showing higher ratios (up to 10<sup>3</sup>) and others showing lower ratios (down to 0.9). The methods are grouped into three categories: generalTracks, individualTracks, and depthQuotient. The methods are color-coded: generalTracks (blue), individualTracks (orange), and depthQuotient (green). The methods are also grouped into three categories: generalTracks, individualTracks, and depthQuotient. The methods are color-coded: generalTracks (blue), individualTracks (orange), and depthQuotient (green).

### Number of pileup tracks vs collection

