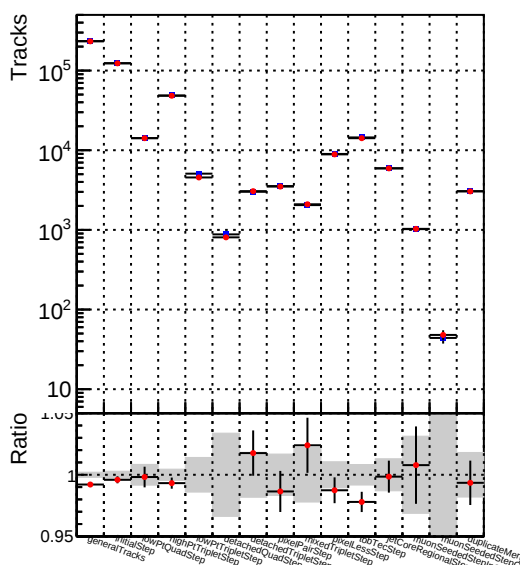
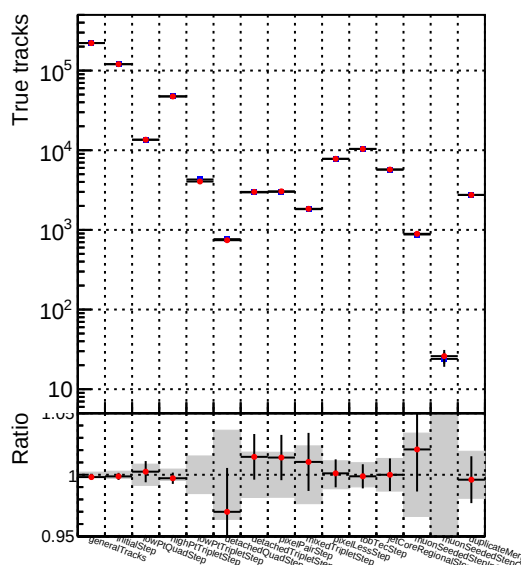


### Number of tracks vs collection



### Number of true tracks vs collection



—■ DQM\_CKF\_XiMinusNOPU\_base

|        |                                                                |
|--------|----------------------------------------------------------------|
| Number | —●— DQM_CKF_XiMinusNOPU_retrainOldFiles125_v2_prelimWPM_epoch1 |
|--------|----------------------------------------------------------------|

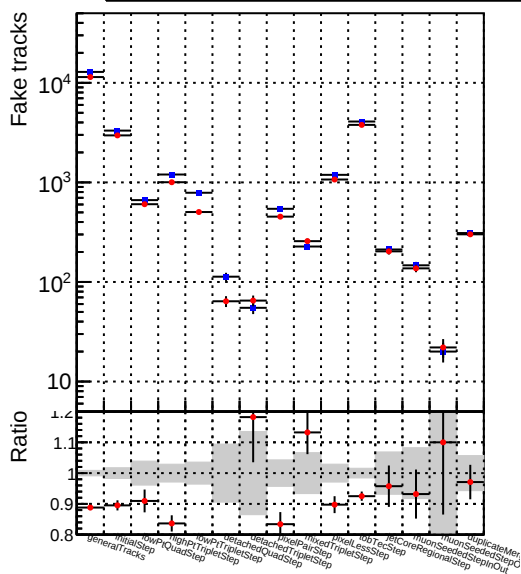


Figure 1 is a log-log plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10<sup>3</sup>. The x-axis lists 14 methods: GeneralTracks, InitalStep, InitalStepQuasiStep, InitalStepTripleStep, InitalStepQuasiStep, InitalStepTripleStep, InitalStepQuasiStep, InitalStepTripleStep, InitalStepQuasiStep, InitalStepTripleStep, InitalStepQuasiStep, InitalStepTripleStep, InitalStepQuasiStep, InitalStepTripleStep. The methods are grouped into three categories: General Tracks (grey), High-Resolution Tracks (white), and Detached Tracks (white). The plot shows that the ratio of duplicate tracks is generally close to 1.0, indicating good agreement between the methods. The 'General Tracks' group shows ratios mostly between 1.0 and 3.0. The 'High-Resolution Tracks' group shows ratios mostly between 1.0 and 10. The 'Detached Tracks' group shows ratios mostly between 1.0 and 10.

### Number of pileup tracks vs collection

