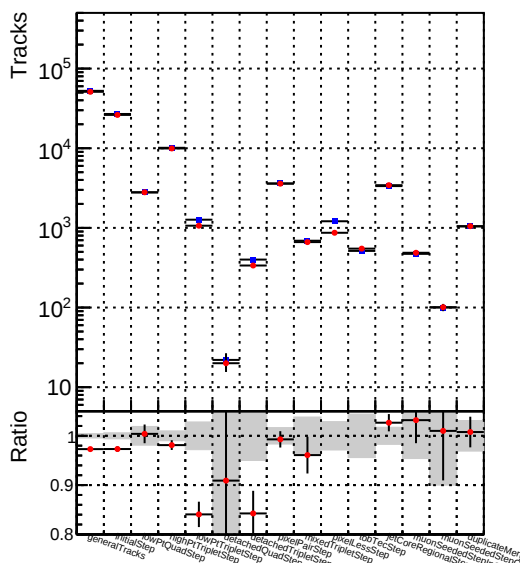
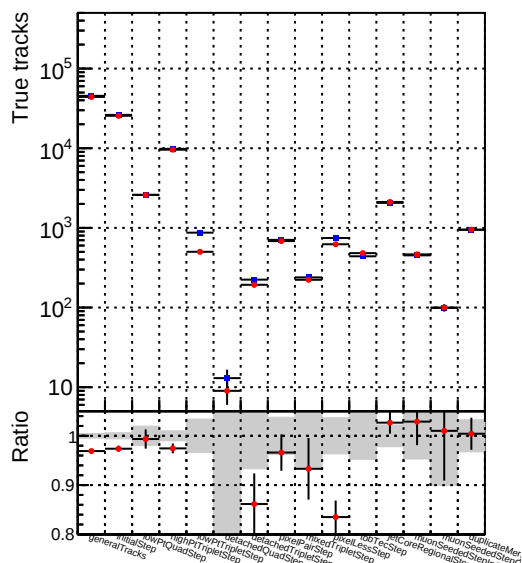


### Number of tracks vs collection



### Number of true tracks vs collection



| Number | Model                                        |
|--------|----------------------------------------------|
| 1      | DQM_mkFit_TT_retrainOldFiles_v2_8iter2_noSel |

| Number | Model                                        |
|--------|----------------------------------------------|
| 1      | DQM_mkFit_TT_retrainOldFiles_v2_8iter2_noSel |

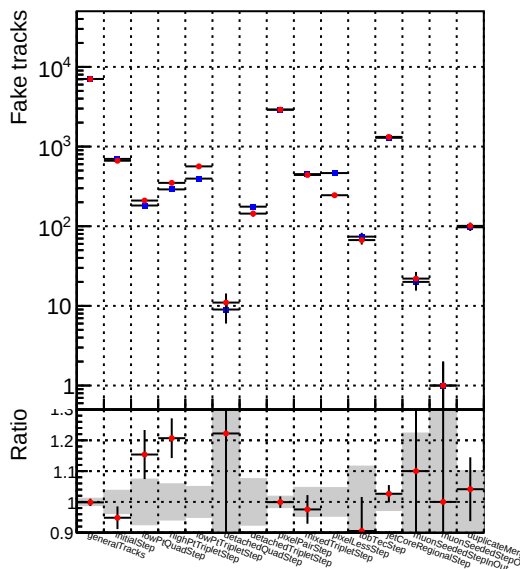


Figure 10 is a log-linear plot showing the ratio of duplicate tracks for various tasks. The y-axis is labeled 'Ratio' and ranges from 0.95 to 100 on a logarithmic scale. The x-axis lists the tasks: generalTasks, initialStep, highPerfTasks, highPerfTasksQuasiStep, detachedTripletsStep, detachedTripletsQuasiStep, mixedTripletsStep, mixedTripletsQuasiStep, lowPerfTasksStep, lowPerfTasksQuasiStep, coreRegionalsStep, coreRegionalsQuasiStep, nonSeedsStep, nonSeedsQuasiStep, and duplicateMinSeedsStep. A horizontal line at Ratio=1.00 indicates no duplication. Most tasks are at 1.00, with some showing slight increases or decreases indicated by error bars.

| Task                      | Ratio (approx.) |
|---------------------------|-----------------|
| generalTasks              | 1.00            |
| initialStep               | 1.00            |
| highPerfTasks             | 1.00            |
| highPerfTasksQuasiStep    | 1.00            |
| detachedTripletsStep      | 1.00            |
| detachedTripletsQuasiStep | 1.00            |
| mixedTripletsStep         | 1.00            |
| mixedTripletsQuasiStep    | 1.00            |
| lowPerfTasksStep          | 1.00            |
| lowPerfTasksQuasiStep     | 1.00            |
| coreRegionalsStep         | 1.00            |
| coreRegionalsQuasiStep    | 1.00            |
| nonSeedsStep              | 1.00            |
| nonSeedsQuasiStep         | 1.00            |
| duplicateMinSeedsStep     | 1.00            |

### Number of pileup tracks vs collection

