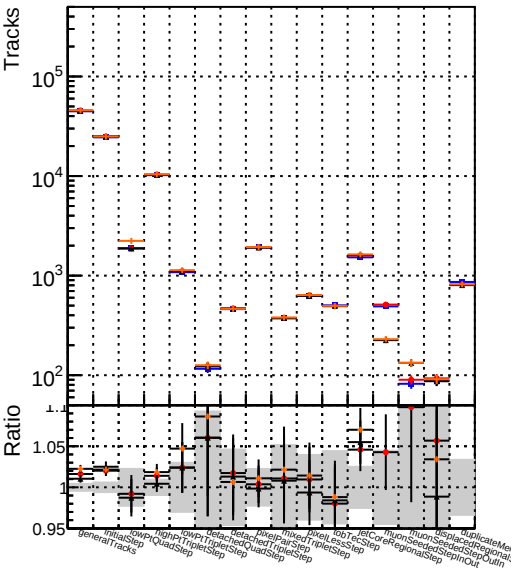
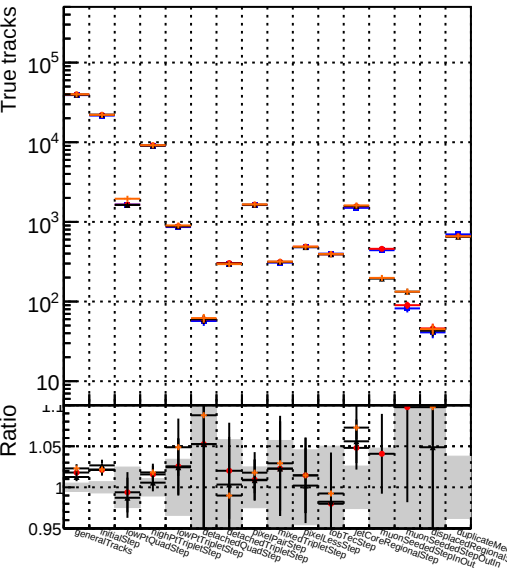


## Number of tracks vs collection



## Number of true tracks vs collection



| Number | Color | Label                  |
|--------|-------|------------------------|
| 1      | Red   | DQM_CRT_REFIT_1000evt  |
| 2      | Black | DQM_MkFitREFit_1000evt |
| 3      | Blue  | DQM_TESTOUTFIT_BOS     |

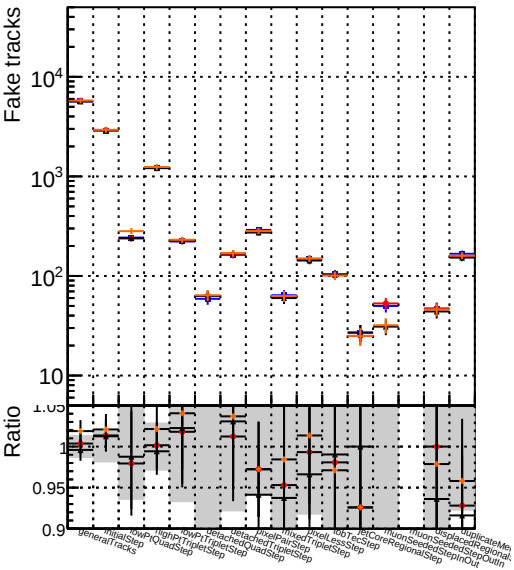


Figure 10 is a log-linear plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 1 to  $10^2$  on a logarithmic scale. The x-axis lists 20 methods: GeneralTracks, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep, HoughStep. A horizontal line is drawn at Ratio = 1.4. The data points are represented by vertical bars with error bars. The 'GeneralTracks' method shows a significantly higher ratio (around 80) compared to the others, which are mostly clustered near the 1.0 ratio line.

## Number of pileup tracks vs collection

