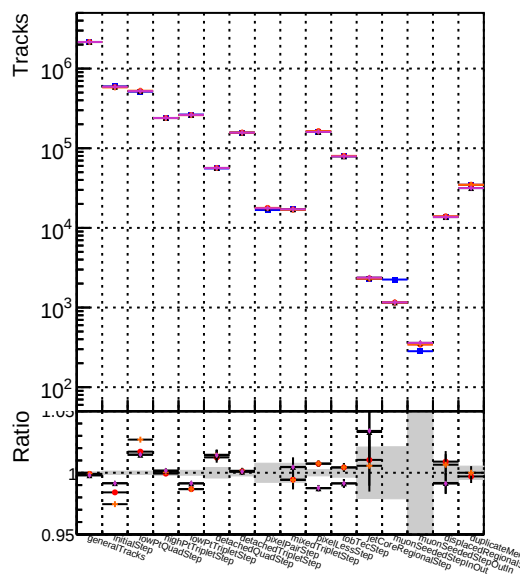
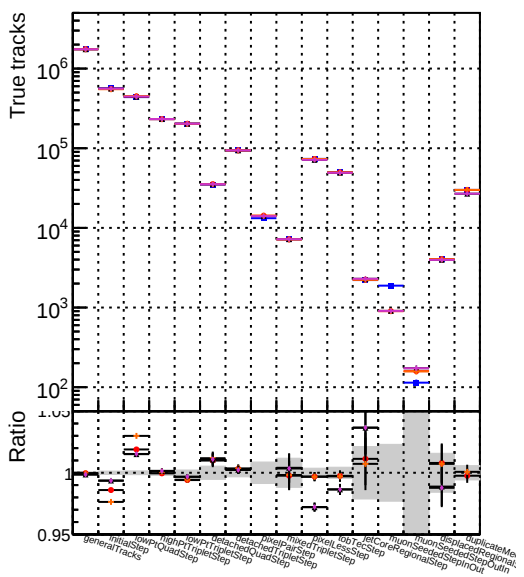


### Number of tracks vs collection



### Number of true tracks vs collection



| Number | Line | Model                           |
|--------|------|---------------------------------|
| 1      | —▲—  | DOM mkFitREFit-OR-test_1000evt  |
| 2      | —+—  | DOM mkFitREFit-ORK-test_1000evt |
| 3      | —+—  | DOM mkFitREFit-OR4-test_1000evt |

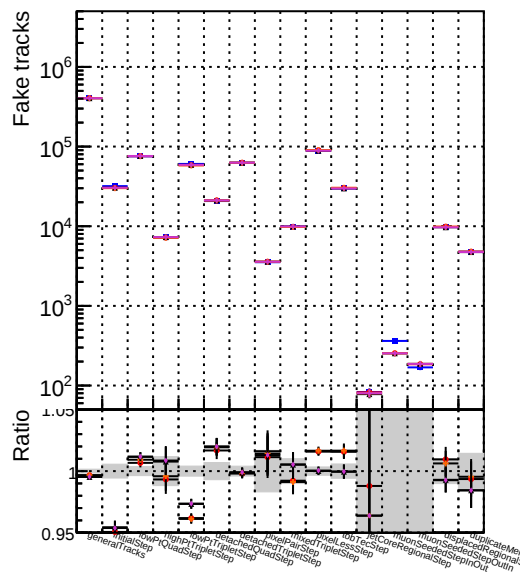


Figure 10 is a log-linear plot showing the ratio of duplicate tracks between different methods. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^5 on a logarithmic scale. The x-axis lists 20 methods: GeneralTracker, HybridStep, HybridStepQuasiStep, HighStep, HighStepTripletStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, HybridStepQuasiStep, and HybridStepQuasiStep. The top panel shows 'Duplicate tracks' on a logarithmic scale from 10^0 to 10^5. The bottom panel shows the 'Ratio' of duplicate tracks between methods, with a dashed line at 1.0. The methods are color-coded: GeneralTracker (blue), HybridStep (orange), HybridStepQuasiStep (green), HighStep (red), HighStepTripletStep (purple), HybridStepQuasiStep (brown), HybridStepQuasiStep (pink), HybridStepQuasiStep (grey), HybridStepQuasiStep (light blue), HybridStepQuasiStep (light green), HybridStepQuasiStep (light orange), HybridStepQuasiStep (light purple), HybridStepQuasiStep (light brown), HybridStepQuasiStep (light pink), HybridStepQuasiStep (light grey), HybridStepQuasiStep (light light blue), HybridStepQuasiStep (light light green), HybridStepQuasiStep (light light orange), HybridStepQuasiStep (light light purple), and HybridStepQuasiStep (light light brown).

### Number of pileup tracks vs collection

