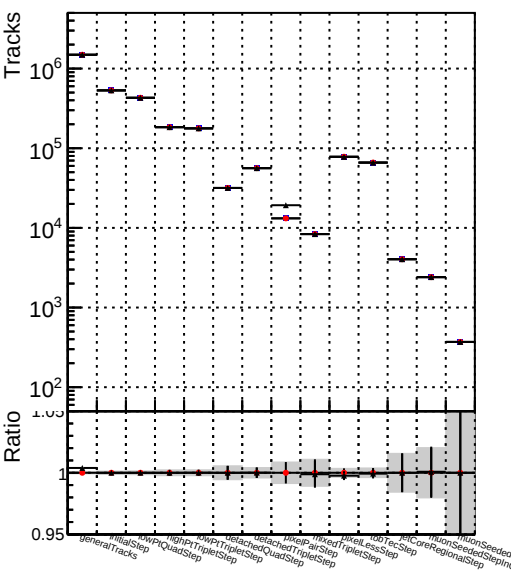
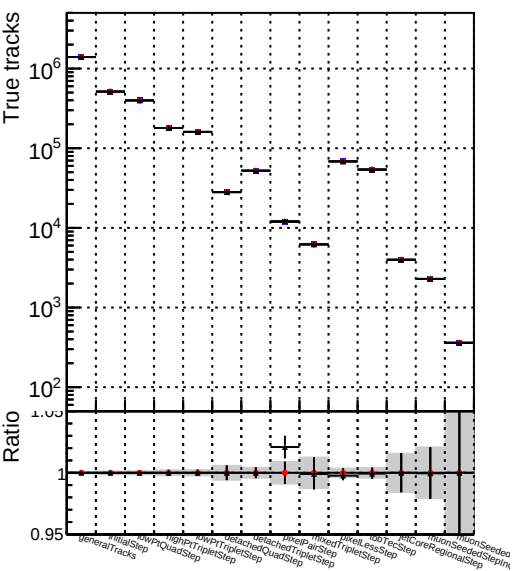


Number of tracks vs collection



Number of true tracks vs collection



Number DQM_TT__originalCustomized
 DQM_TT__nocutCustomized

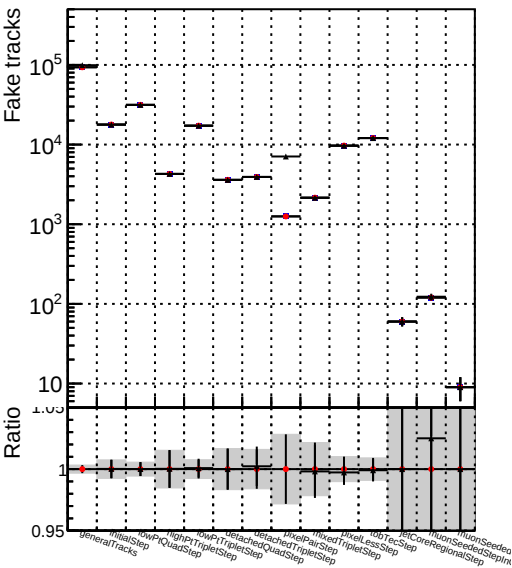


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Duplicate tracks' and ranges from 10⁰ to 10⁴. The x-axis lists the methods: GeneralTracks, MinStep, TopStep, HighPTriplesStep, TopPTriplesStep, AttachedChaudStep, AttachedTripletStep, MixedPairStep, TopLessStep, TopRecStep, CoreStep, RegionalStep, MissSeedsStep, and MissSeedsStepInt. A horizontal line at Ratio = 1.0 indicates the baseline. Most methods show ratios significantly above 1.0, with GeneralTracks being the highest at approximately 30,000.

Method	Ratio (approx.)
GeneralTracks	30,000
MinStep	1
TopStep	30
HighPTriplesStep	250
TopPTriplesStep	120
AttachedChaudStep	350
AttachedTripletStep	150
MixedPairStep	1
TopLessStep	80
TopRecStep	110
CoreStep	1
RegionalStep	1
MissSeedsStep	1
MissSeedsStepInt	1

Number of pileup tracks vs collection

