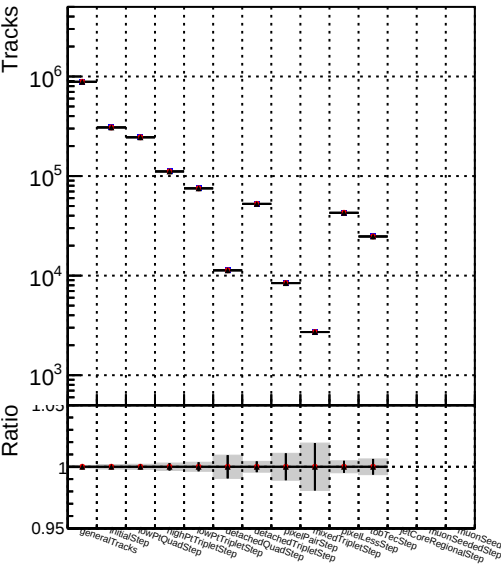


Number of tracks vs collection



Number of true tracks vs collection

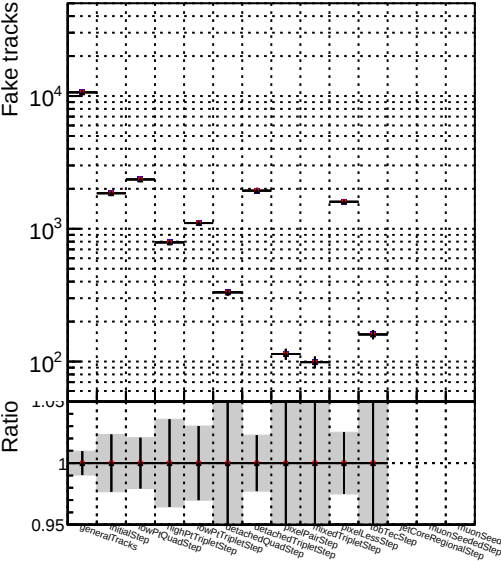
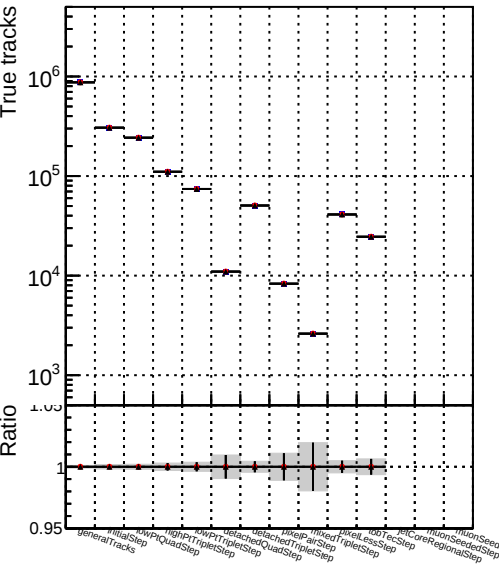


Figure 1: A log-log plot showing the ratio of duplicate tracks to total tracks for various methods. The y-axis is 'Ratio' on a log scale from 0.95 to 10⁴. The x-axis lists 16 methods. A horizontal line at Ratio = 1 indicates the baseline. Most methods show ratios significantly above 1, indicating many duplicate tracks. The 'GeneralTracks' method has the highest ratio, around 20,000. The 'GeneralTracks' method is the only one with a ratio below 1, around 0.98.

Method	Ratio (approx.)
GeneralTracks	0.98
InitialStep	10
RP-QuadStep	250
RP-TripleStep	250
High-QuadStep	250
High-TripleStep	120
Low-QuadStep	1000
Low-TripleStep	1000
Detached-QuadStep	0.4
Detached-TripleStep	2.5
Root-QuadStep	2.5
Root-TripleStep	2.5
Pixel-QuadStep	300
Pixel-TripleStep	70
RC-CoreRegionStep	1.0
RC-SeededStep	1.0
RC-RegionStep	1.0
RC-SeedStep	1.0

Number of pileup tracks vs collection

