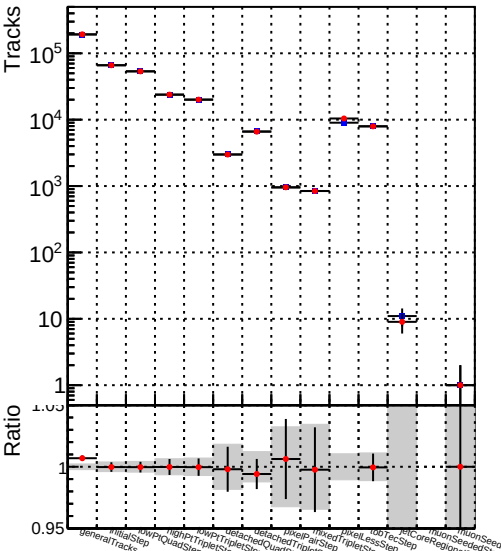
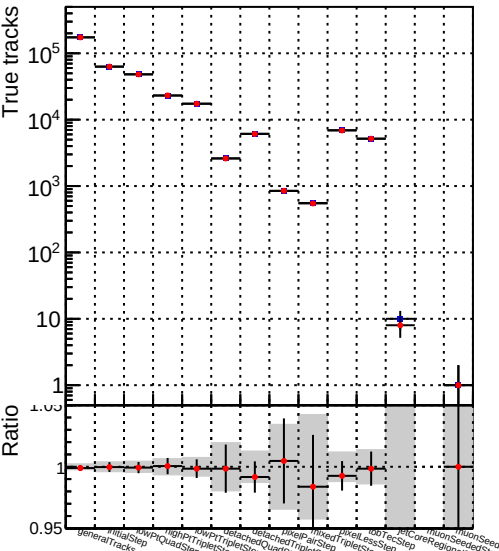


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_TT_newbranch_time_pLess

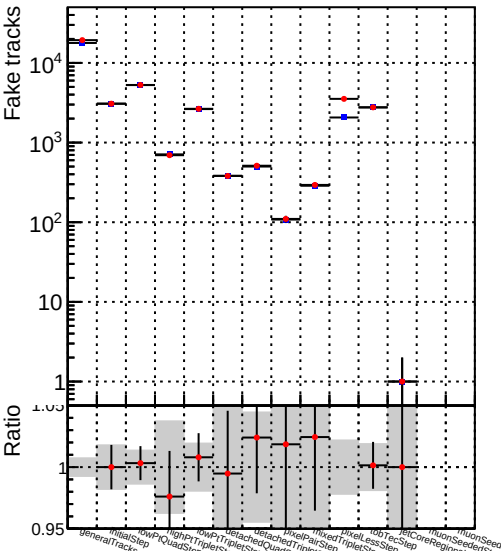


Figure 1 is a dual-axis plot. The x-axis lists 15 methods: GeneralStep, InitialStep, LowQuadStep, HighQuadStep, LowTriStep, HighTriStep, UnbiasedQuadStep, UnbiasedTriStep, LinearStep, LinearStep, PixelStep, PixelStep, LowTriStep, HighTriStep, and MicroStep. The bottom y-axis is 'Ratio' (linear scale, 1.0 to 1.4). The top y-axis is 'Duplicate tracks' (log scale, 10¹ to 10⁴). Grey bars represent the ratio for each method. A horizontal line is drawn at Ratio = 1.0. Black dots with error bars represent the number of duplicate tracks for each method.

Method	Ratio (approx.)	Duplicate tracks (approx.)
GeneralStep	1.01	4,000
InitialStep	1.00	8
LowQuadStep	1.00	25
HighQuadStep	1.14	15
LowTriStep	1.00	15
HighTriStep	1.17	35
UnbiasedQuadStep	1.00	18
UnbiasedTriStep	1.00	18
LinearStep	1.00	25
LinearStep	1.00	25
PixelStep	1.00	2.5
PixelStep	1.00	15
LowTriStep	1.00	15
HighTriStep	1.00	15
MicroStep	1.00	15

Number of pileup tracks vs collection

