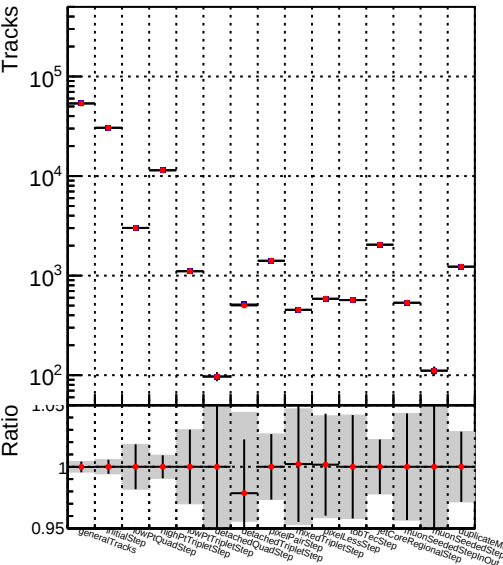
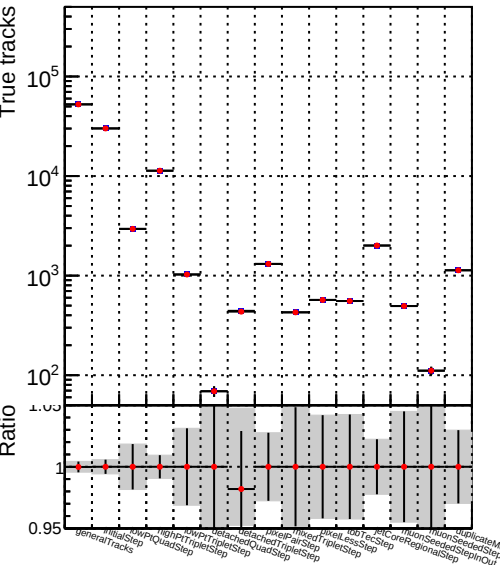


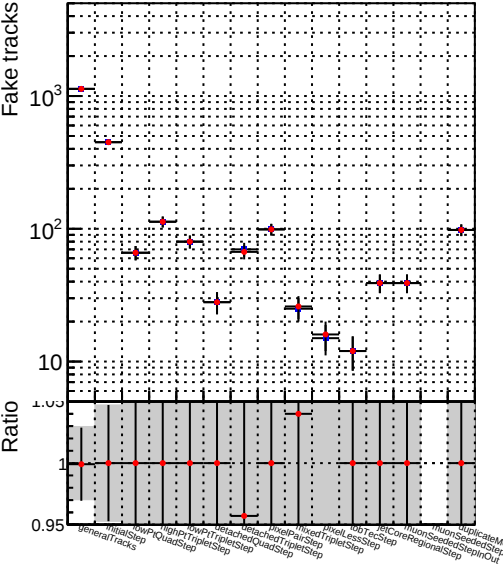
Number of tracks vs collection



Number of true tracks vs collection



Number	DQM_V0001_R000000001_Global_mkFit_det-triplet
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Detailed description of Figure 6: This dot plot displays the ratio of duplicate tracks across twelve different stages of a pipeline. The vertical axis, labeled 'Ratio', spans from 0.95 to 1.03 with major grid lines every 0.01 units. The horizontal axis lists the following steps: GeneralTracks, InitialStep, HighConfidenceStep, DetachedQuadsStep, PickedUnlinkedTripletsStep, PickedLinkedTripletsStep, NotTrackedStep, SelfCorrectionRegionalStep, UnseededStep, SeededStep, DuplicateStep, and Out. For each step, a red dot indicates the mean ratio, and vertical black error bars show the standard deviation. The 'GeneralTracks' step shows a mean ratio of approximately 1.008 with a standard deviation range from about 1.004 to 1.012. All other steps have mean ratios extremely close to 1.0, with standard deviations that are nearly negligible, as their error bars barely extend beyond the 1.0 mark.

Step	Mean Ratio (approx.)	Standard Deviation Range (approx.)
GeneralTracks	1.008	1.004 - 1.012
InitialStep	1.000	0.999 - 1.001
HighConfidenceStep	1.000	0.999 - 1.001
DetachedQuadsStep	1.000	0.999 - 1.001
PickedUnlinkedTripletsStep	1.000	0.999 - 1.001
PickedLinkedTripletsStep	1.000	0.999 - 1.001
NotTrackedStep	1.000	0.999 - 1.001
SelfCorrectionRegionalStep	1.000	0.999 - 1.001
UnseededStep	1.000	0.999 - 1.001
SeededStep	1.000	0.999 - 1.001
DuplicateStep	1.000	0.999 - 1.001
Out	1.000	0.999 - 1.001

Number of pileup tracks vs collection

