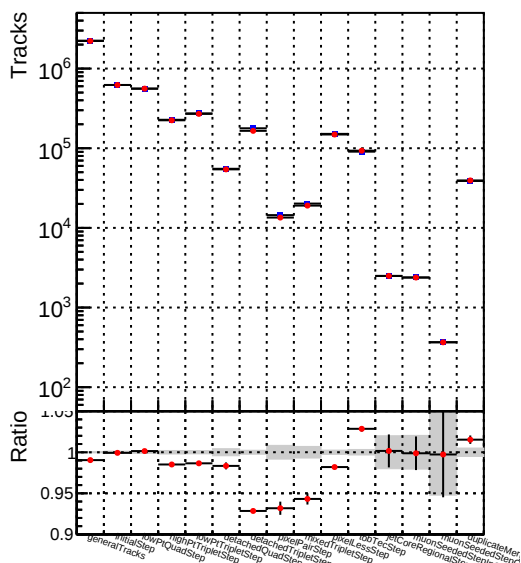
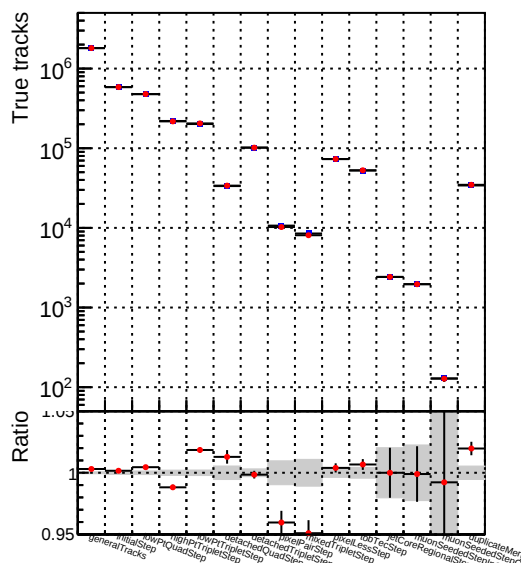


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_mkFit_TT_retrain

Number —●— DQM_mkFit_TT_retrain

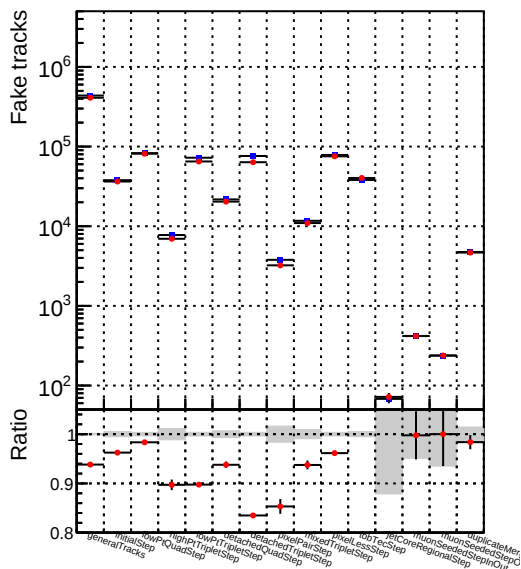


Figure 1 is a log-linear plot showing the ratio of duplicate tracks to total tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^5 on a logarithmic scale. The x-axis lists 16 methods, grouped into three categories: general tracks (left), individual steps (middle), and specific methods (right). Red dots with error bars represent the mean and standard deviation of the ratio. Grey shaded regions represent the distribution of ratios for each method. A horizontal line at Ratio = 1.0 indicates the baseline.

Method	Ratio (approx.)
generalTracks	0.95
individualStep	0.95
TripleStep	0.95
QuadrupleStep	0.95
higherTripleStep	0.95
higherQuadrupleStep	0.95
checkedTripleStep	0.95
checkedQuadrupleStep	0.95
TriplePairStep	0.95
TripleStep	0.95
TripleLessStep	0.95
TripleSecStep	0.95
TripleCoreStep	0.95
TripleRegionStep	0.95
TripleNonSeedStep	0.95
TripleSeedStep	0.95
TripleOutStep	0.95
TripleMinStep	0.95

Number of pileup tracks vs collection

