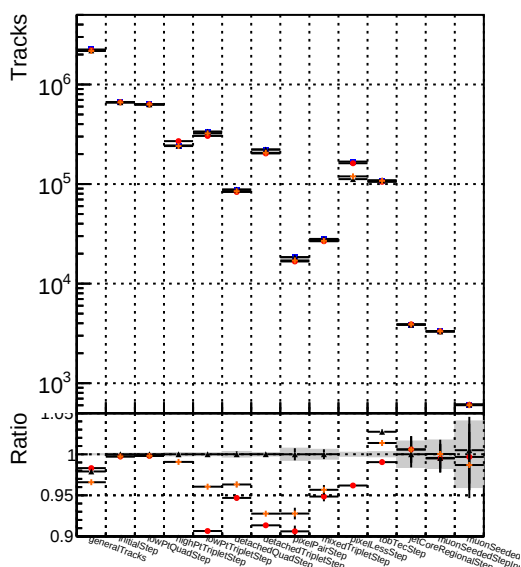
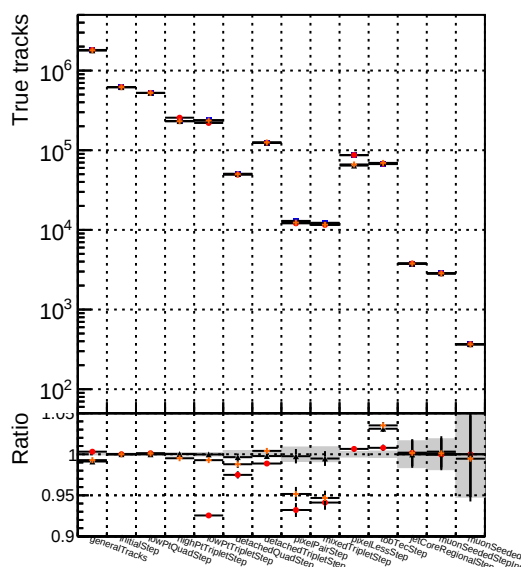


Number of tracks vs collection

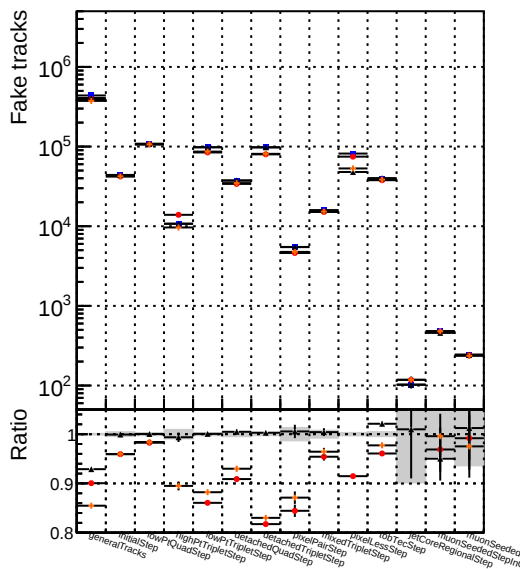


Number of true tracks vs collection



Number	Model	Training	Validation	Test
1	DQM mkFit TT RetrainOld	100	100	100
2	DQM mkFit TT baseline	100	100	100
3	DQM mkFit TT RetrainV2	100	100	100

Number	Model
1	DQM_mkFit_TT_RetrainOldHiggs125_V2
2	DQM_mkFit_TT_baseline_6iter
3	DQM_mkFit_TT_RetrainV2_WP2_6iter



The figure consists of two vertically stacked panels sharing a common x-axis representing different methods. The top panel displays 'Duplicate tracks' on a logarithmic y-axis ranging from 10^0 to 10^5 . Data points are shown as black dots with vertical error bars. The bottom panel displays 'Ratio' on a linear y-axis ranging from 0.9 to 1.3. Data is represented by grey bars with black outlines and horizontal error bars.

Method	Duplicate Tracks (approx.)	Ratio (approx.)
GeneralTracks	8×10^4	1.02
InitialStep	6×10^1	1.15
PFIQQuasiStep	4×10^2	1.05
PFTriplesStep	5×10^2	1.02
DetachedQuadStep	1.2×10^3	1.00
TripelPairStep	4×10^0	1.00
MixedTripleLessStep	4×10^2	1.08
TripleRecStep	3×10^2	1.02
RecoreRefinementStep	-	0.92
MinorSeedingStep	-	1.10
RegionSeedingStep	-	1.05

Number of pileup tracks vs collection

