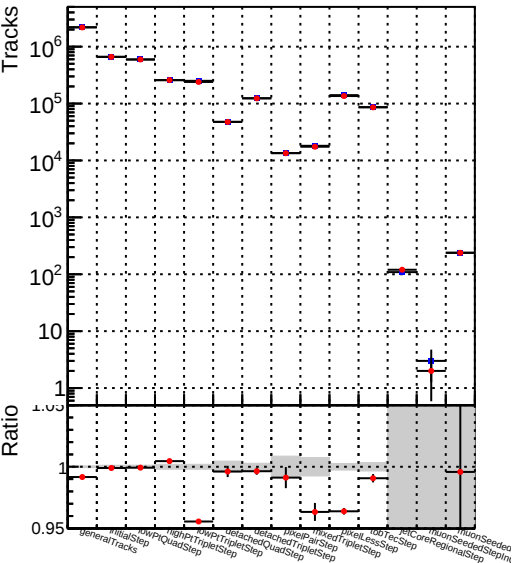
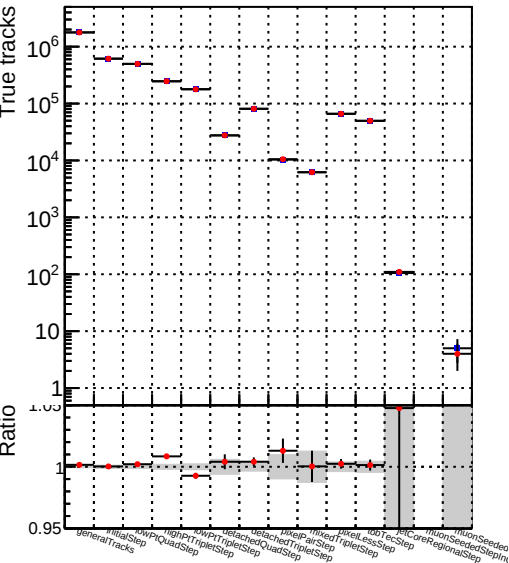
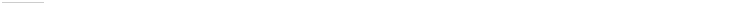


Number of tracks vs collection



Number of true tracks vs collection



Number  DQM_CKF_TTbase
DQM_CKF_TT_retrainOldFiles125_v2_prelimWPM_epoch2

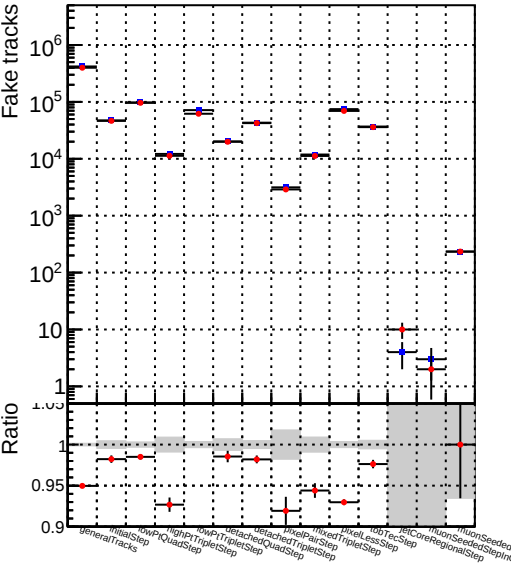


Figure 1 consists of two vertically stacked panels sharing a common x-axis representing different methods. The top panel shows the number of 'Duplicate tracks' on a logarithmic y-axis (ranging from 10⁰ to 10⁵). The bottom panel shows the 'Ratio' on a logarithmic y-axis (ranging from 0.95 to 1.05). A horizontal line at Ratio = 1.0 is drawn across the bottom panel. Red dots with error bars represent the data for each method.

Method	Duplicate tracks (approx.)	Ratio (approx.)
generalTracks	~50,000	~1.02
firstStep	~40	~0.95
lowPr	~300	~0.98
highPr	~200	~0.97
PITriplesStep	~500	~0.96
detachedQuadsStep	~300	~0.97
enrichedQuadsStep	~1,000	~0.96
enrichedTriplesStep	~4	~1.00
lowPrLessStep	~100	~1.00
wbfecStep	~250	~1.00
coreRegionalStep	~250	~1.00
SeedStep	~100	~1.00

Number of pileup tracks vs collection

