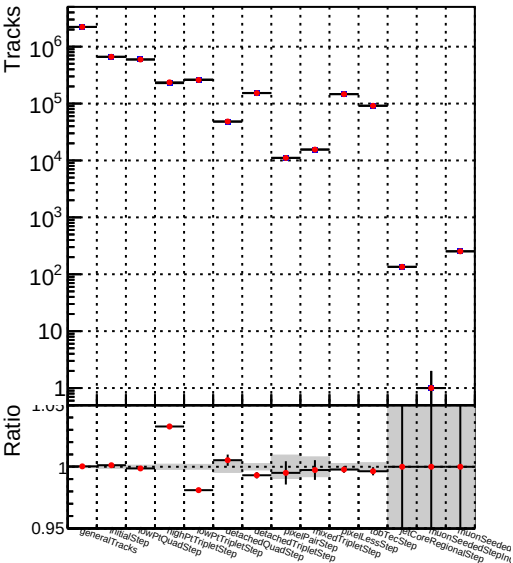
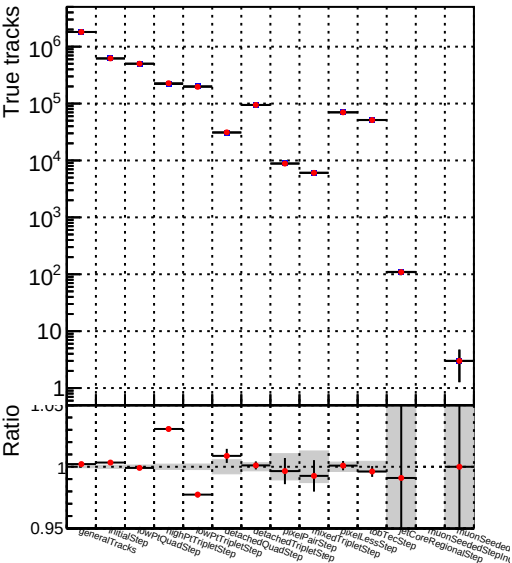


Number of tracks vs collection



Number of true tracks vs collection



Number 

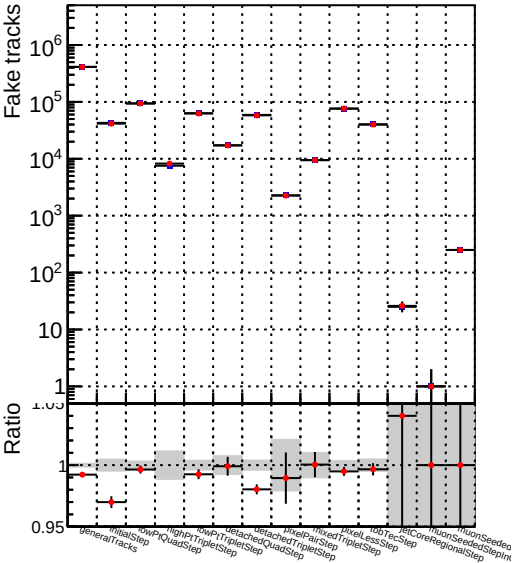


Figure 1 is a combined bar and scatter plot showing the ratio of duplicate tracks to total tracks for various methods. The y-axis is logarithmic, ranging from 0.95 to 10^5 . The x-axis lists 16 methods. Grey bars represent the ratio of duplicate tracks to total tracks. Red dots with error bars represent the ratio of duplicate tracks to total tracks. A horizontal line at $y=1$ indicates the baseline ratio.

Method	Duplicate Tracks Ratio (Bar)	Duplicate Tracks Ratio (Dot)
GeneralTracks	~1.0	~60,000
UnitStep	~1.0	~50
TwoPairStep	~1.0	~350
TwoTripleStep	~1.0	~15
TwoQuadStep	~1.0	~130
DetachedTripleStep	~1.0	~1,000
DetachedQuadStep	~1.0	~450
ThreePairStep	~1.0	~70
ThreeTripleStep	~1.0	~70
ThreeLessStep	~1.0	~200
UnitRectStep	~1.0	~0.5
CoreRegionalStep	~1.0	~1.0
UnitSeedStep	~1.0	~1.0
UnitSeedStepPink	~1.0	~1.0

Number of pileup tracks vs collection

