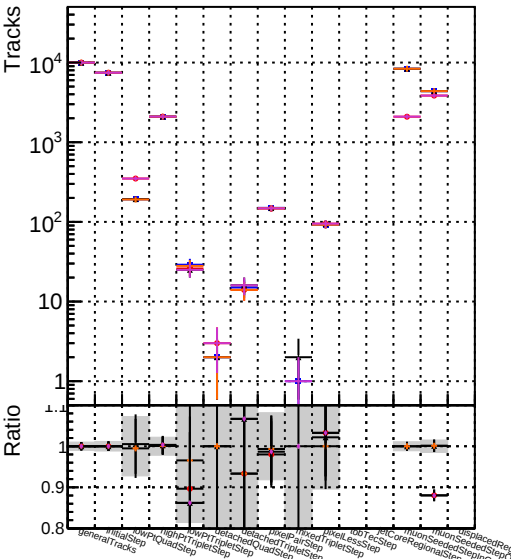
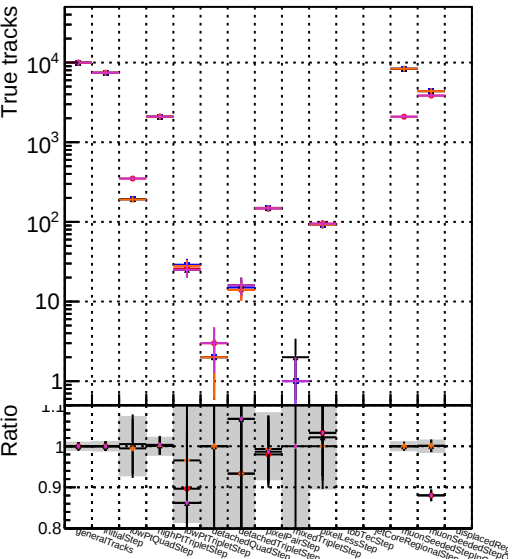


Number of tracks vs collection



Number of true tracks vs collection



Number	Legend	DOM original step2	ptlt020	eta2p0to2p5
1	—	DOM mkf1 step2	ptlt020	eta2p0to2p5
2	—	DOM angle step2	ptlt020	eta2p0to2p5
3	—	DOM fast step2	ptlt020	eta2p0to2p5
4	—	DOM pixelCPEtemplate step2	ptlt020	eta2p0to2p5

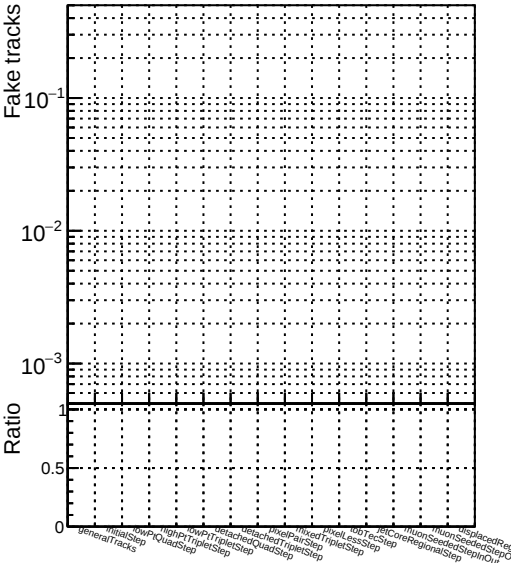


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.7 to 10 on a logarithmic scale. The x-axis lists 15 methods: GeneralTracks, InitialStep, FinalStep, DisplacedStep, DisplacedStepG, DisplacedStepQ, DisplacedStepR, DisplacedStepS, DisplacedStepT, DisplacedStepU, DisplacedStepV, DisplacedStepW, DisplacedStepX, DisplacedStepY, and DisplacedStepZ. A horizontal line at Ratio = 1 indicates the baseline. The 'GeneralTracks' method shows a significantly higher ratio (around 8.5) compared to others, which are mostly clustered around 1.0.

Method	Ratio (approx.)
GeneralTracks	8.5
InitialStep	1.0
FinalStep	1.0
DisplacedStep	1.0
DisplacedStepG	1.0
DisplacedStepQ	1.0
DisplacedStepR	1.0
DisplacedStepS	1.0
DisplacedStepT	1.0
DisplacedStepU	1.0
DisplacedStepV	1.0
DisplacedStepW	1.0
DisplacedStepX	1.0
DisplacedStepY	1.0
DisplacedStepZ	1.0

Number of pileup tracks vs collection

