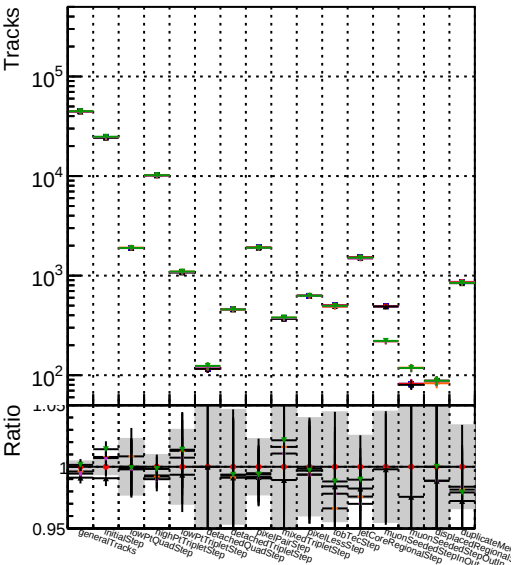
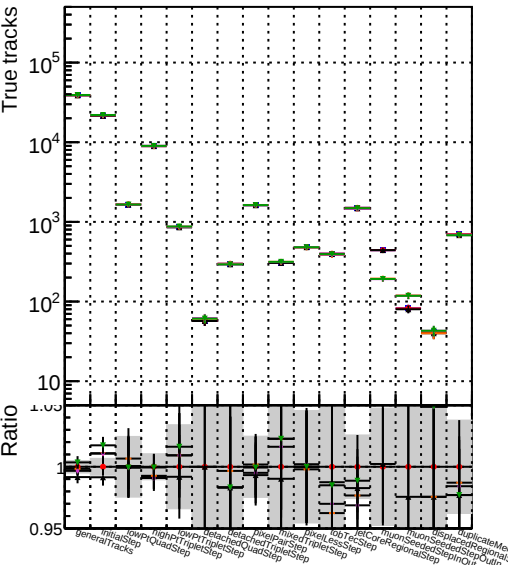


## Number of tracks vs collection



### Number of true tracks vs collection



Number

DOM original originalvector\_1000evt  
 DOM original\_1000evt  
 DOM fitted4\_1000evt  
 DOM fit nocpe\_1000evt  
 DOM fit cpeOK\_1000evt  
 DOM fit cpeOK\_SORTRZ\_1000evt

| Number | Color  | Label                        |
|--------|--------|------------------------------|
| 1      | Orange | DQM tit nocpe 1000evt        |
| 2      | Purple | DQM tit cpeOK 1000evt        |
| 3      | Green  | DQM tit cpeOK SORTRZ 1000evt |

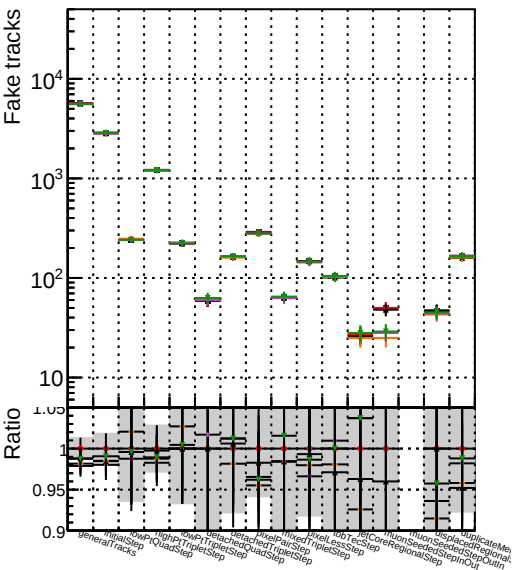


Figure 1 is a log-ratio plot showing the ratio of duplicate tracks for various genomic features. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10<sup>2</sup> on a logarithmic scale. The x-axis lists genomic features. A horizontal line at Ratio = 1.0 indicates no difference. Most features have ratios near 1.0, with some showing slight deviations.

| Genomic Feature            | Ratio (approx.) |
|----------------------------|-----------------|
| MineralTracks              | 1.00            |
| MineralStep                | 1.00            |
| MineralHighStep            | 1.00            |
| MineralTripleStep          | 1.00            |
| MineralQuadrupleStep       | 1.00            |
| MineralPentupleStep        | 1.00            |
| MineralHexupleStep         | 1.00            |
| MineralHeptupleStep        | 1.00            |
| MineralOctupleStep         | 1.00            |
| MineralNonupleStep         | 1.00            |
| MineralDecupleStep         | 1.00            |
| MineralUndecupleStep       | 1.00            |
| MineralDodecupleStep       | 1.00            |
| MineralTridecupleStep      | 1.00            |
| MineralTetradecupleStep    | 1.00            |
| MineralPentadecupleStep    | 1.00            |
| MineralHexadecupleStep     | 1.00            |
| MineralHeptadecupleStep    | 1.00            |
| MineralOctadecupleStep     | 1.00            |
| MineralNonadecupleStep     | 1.00            |
| MineralEicadecupleStep     | 1.00            |
| MineralVigintupleStep      | 1.00            |
| MineralTrigintupleStep     | 1.00            |
| MineralQuadrigintupleStep  | 1.00            |
| MineralQuinquagintupleStep | 1.00            |
| MineralSexagintupleStep    | 1.00            |
| MineralSeptuagintupleStep  | 1.00            |
| MineralOctogintupleStep    | 1.00            |
| MineralNonogintupleStep    | 1.00            |
| MineralHogintupleStep      | 1.00            |
| MineralKegintupleStep      | 1.00            |
| MineralLigintupleStep      | 1.00            |
| MineralMigintupleStep      | 1.00            |
| MineralNigintupleStep      | 1.00            |
| MineralOigintupleStep      | 1.00            |
| MineralPigintupleStep      | 1.00            |
| MineralQigintupleStep      | 1.00            |
| MineralRigintupleStep      | 1.00            |
| MineralSigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralUigintupleStep      | 1.00            |
| MineralVigintupleStep      | 1.00            |
| MineralWigintupleStep      | 1.00            |
| MineralXigintupleStep      | 1.00            |
| MineralYigintupleStep      | 1.00            |
| MineralZigintupleStep      | 1.00            |
| MineralAigintupleStep      | 1.00            |
| MineralBigintupleStep      | 1.00            |
| MineralCigintupleStep      | 1.00            |
| MineralDigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralFigintupleStep      | 1.00            |
| MineralGigintupleStep      | 1.00            |
| MineralHigintupleStep      | 1.00            |
| MineralIigintupleStep      | 1.00            |
| MineralJigintupleStep      | 1.00            |
| MineralKigintupleStep      | 1.00            |
| MineralLigintupleStep      | 1.00            |
| MineralMigintupleStep      | 1.00            |
| MineralNigintupleStep      | 1.00            |
| MineralOigintupleStep      | 1.00            |
| MineralPigintupleStep      | 1.00            |
| MineralQigintupleStep      | 1.00            |
| MineralRigintupleStep      | 1.00            |
| MineralSigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralUigintupleStep      | 1.00            |
| MineralVigintupleStep      | 1.00            |
| MineralWigintupleStep      | 1.00            |
| MineralXigintupleStep      | 1.00            |
| MineralYigintupleStep      | 1.00            |
| MineralZigintupleStep      | 1.00            |
| MineralAigintupleStep      | 1.00            |
| MineralBigintupleStep      | 1.00            |
| MineralCigintupleStep      | 1.00            |
| MineralDigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralFigintupleStep      | 1.00            |
| MineralGigintupleStep      | 1.00            |
| MineralHigintupleStep      | 1.00            |
| MineralIigintupleStep      | 1.00            |
| MineralJigintupleStep      | 1.00            |
| MineralKigintupleStep      | 1.00            |
| MineralLigintupleStep      | 1.00            |
| MineralMigintupleStep      | 1.00            |
| MineralNigintupleStep      | 1.00            |
| MineralOigintupleStep      | 1.00            |
| MineralPigintupleStep      | 1.00            |
| MineralQigintupleStep      | 1.00            |
| MineralRigintupleStep      | 1.00            |
| MineralSigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralUigintupleStep      | 1.00            |
| MineralVigintupleStep      | 1.00            |
| MineralWigintupleStep      | 1.00            |
| MineralXigintupleStep      | 1.00            |
| MineralYigintupleStep      | 1.00            |
| MineralZigintupleStep      | 1.00            |
| MineralAigintupleStep      | 1.00            |
| MineralBigintupleStep      | 1.00            |
| MineralCigintupleStep      | 1.00            |
| MineralDigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralFigintupleStep      | 1.00            |
| MineralGigintupleStep      | 1.00            |
| MineralHigintupleStep      | 1.00            |
| MineralIigintupleStep      | 1.00            |
| MineralJigintupleStep      | 1.00            |
| MineralKigintupleStep      | 1.00            |
| MineralLigintupleStep      | 1.00            |
| MineralMigintupleStep      | 1.00            |
| MineralNigintupleStep      | 1.00            |
| MineralOigintupleStep      | 1.00            |
| MineralPigintupleStep      | 1.00            |
| MineralQigintupleStep      | 1.00            |
| MineralRigintupleStep      | 1.00            |
| MineralSigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralUigintupleStep      | 1.00            |
| MineralVigintupleStep      | 1.00            |
| MineralWigintupleStep      | 1.00            |
| MineralXigintupleStep      | 1.00            |
| MineralYigintupleStep      | 1.00            |
| MineralZigintupleStep      | 1.00            |
| MineralAigintupleStep      | 1.00            |
| MineralBigintupleStep      | 1.00            |
| MineralCigintupleStep      | 1.00            |
| MineralDigintupleStep      | 1.00            |
| MineralTigintupleStep      | 1.00            |
| MineralFigintupleStep      | 1.00            |

## Number of pileup tracks vs collection

