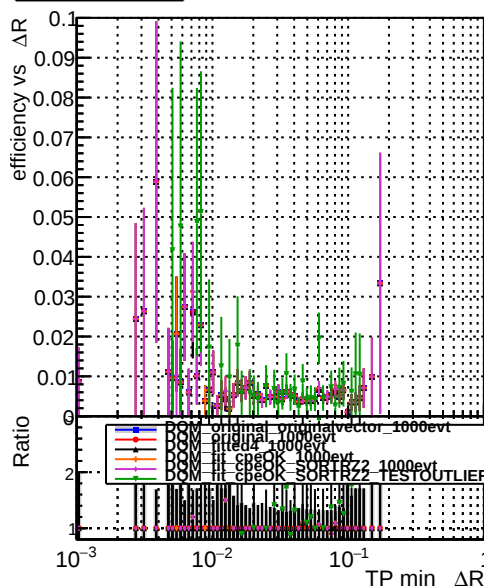
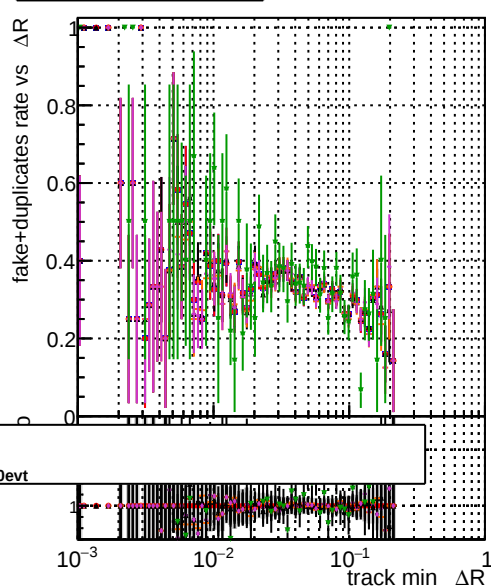
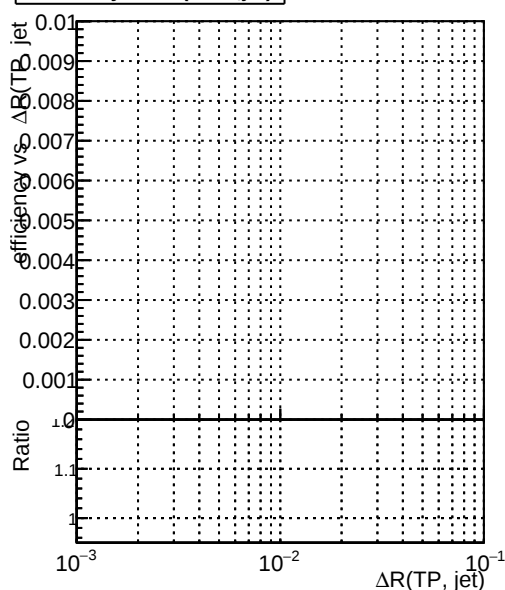
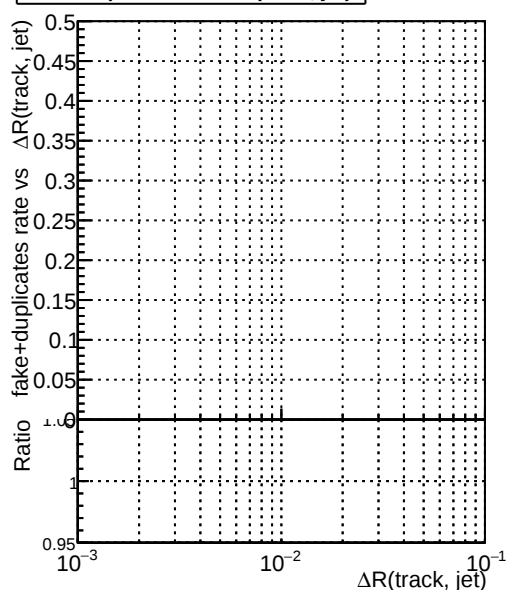


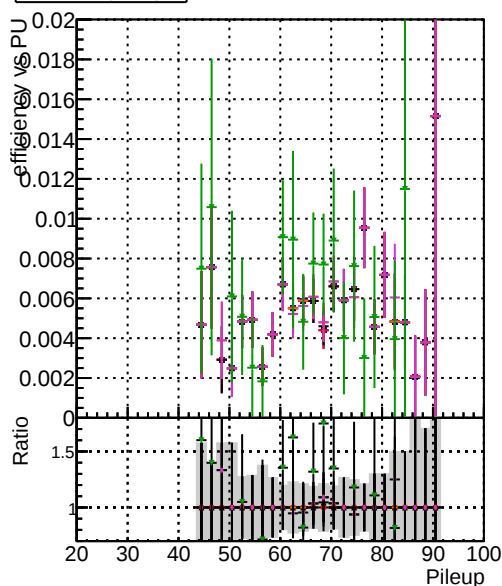
## Efficiency vs dr

fake+duplicates vs  $\Delta R$ 

### Efficiency vs dr (track,jet)

fake+duplicates vs  $\Delta R(\text{track}, \text{jet})$ 

### Efficiency vs pu



fake+duplicates vs PU

