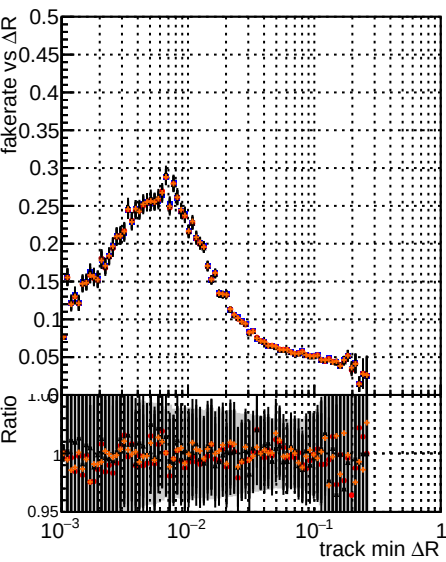
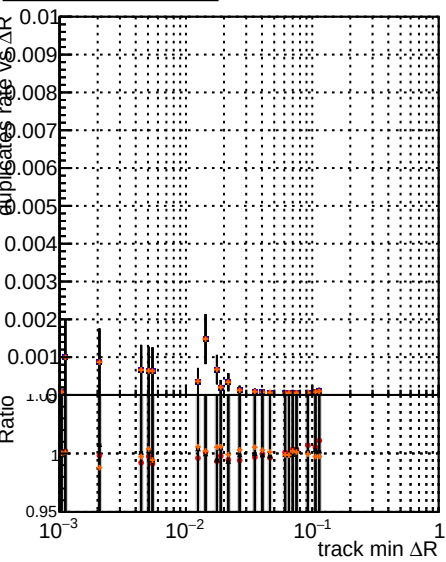


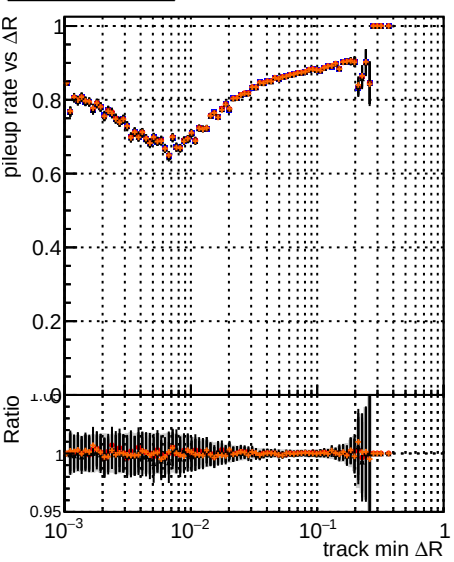
Fake rate vs dr



Duplicates Rate vs dr



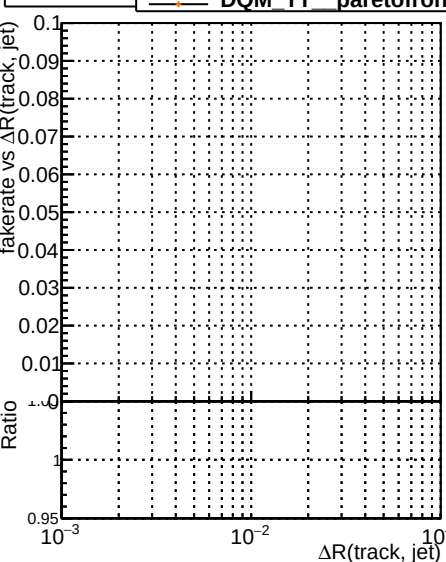
Pileup rate vs dr



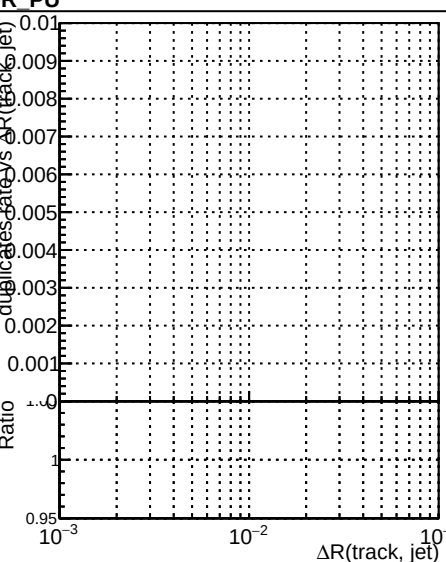
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Line Style	Color	Symbol	Series
Solid	Black	None	original noPU
Dashed	Blue	Circle	paretofrontMaxEff
Dashed	Red	Circle	paretofrontMaxEff PU
Dashed	Black	Circle	paretofrontMinR
Dashed	Red	Circle	paretofrontMinR PU

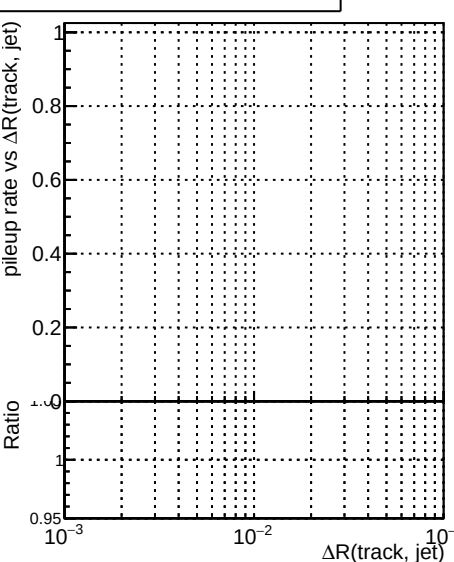
Fake rate vs



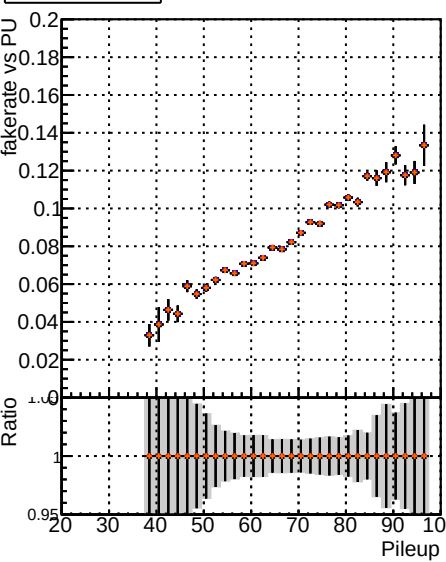
Duplicates Rate vs



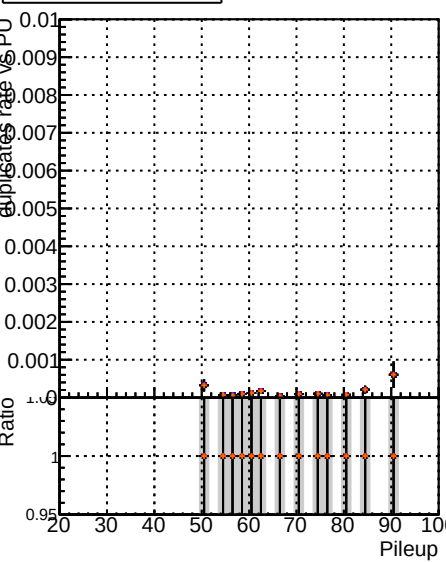
Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

