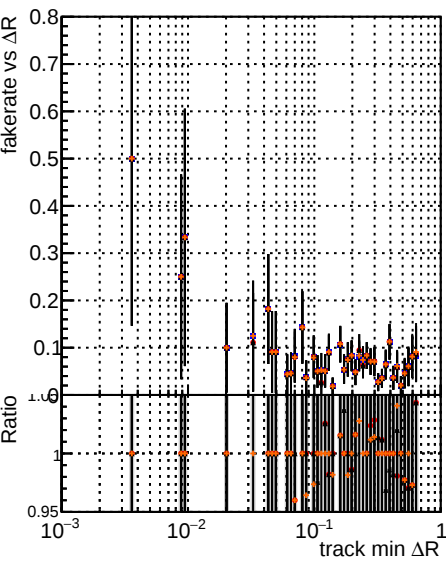


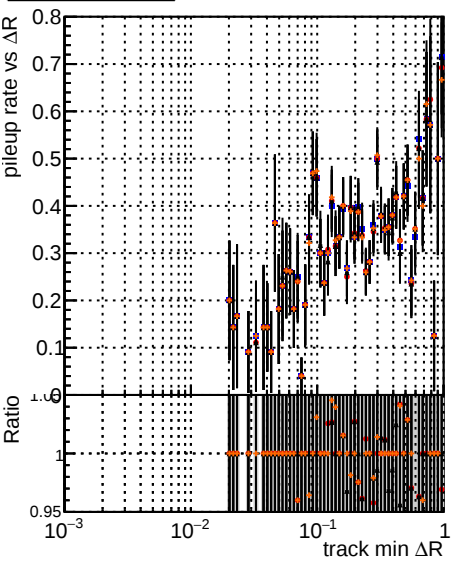
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr

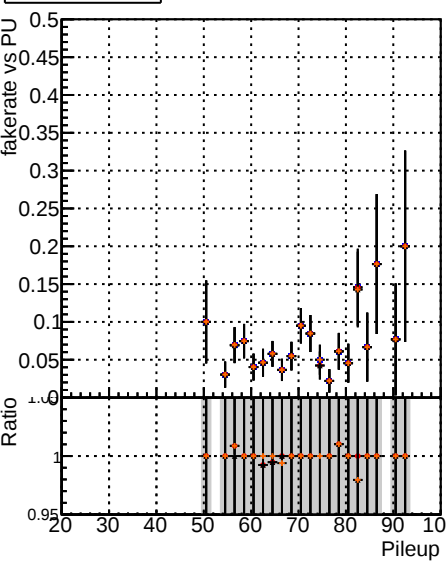


Fake rate vs ΔR(track, jet) for different PU models

Model	Line Style	Color	Symbol
original no PU	Solid	Black	None
paretofrontMaxEff	Dashed	Blue	Circle
paretofrontMaxHits	Dashed	Red	Circle
paretofrontMinR	Dashed	Orange	Circle



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

