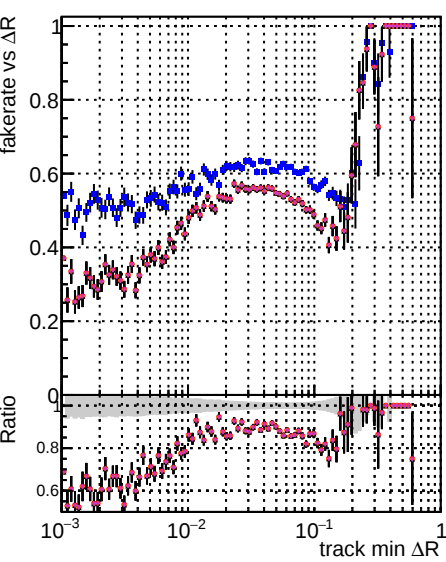
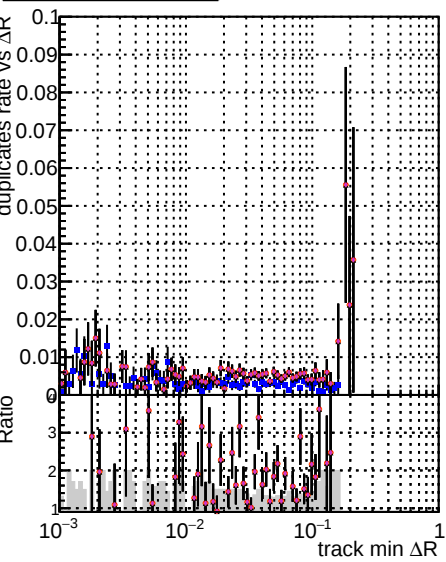


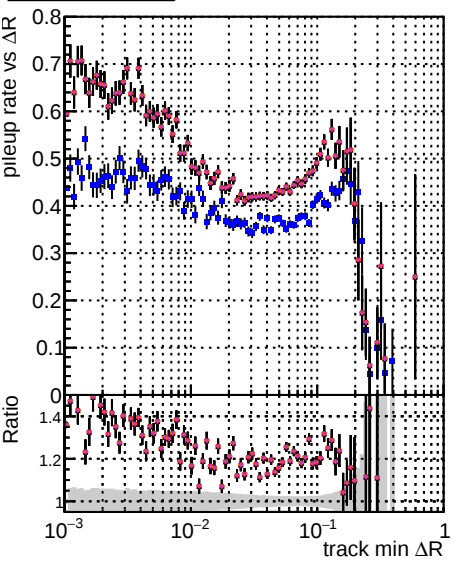
Fake rate vs dr



Duplicates Rate vs dr



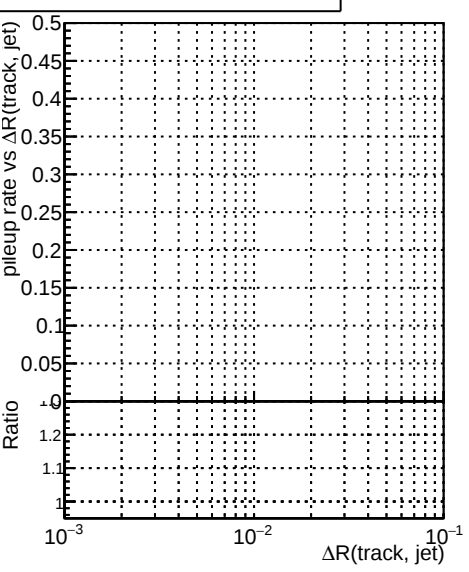
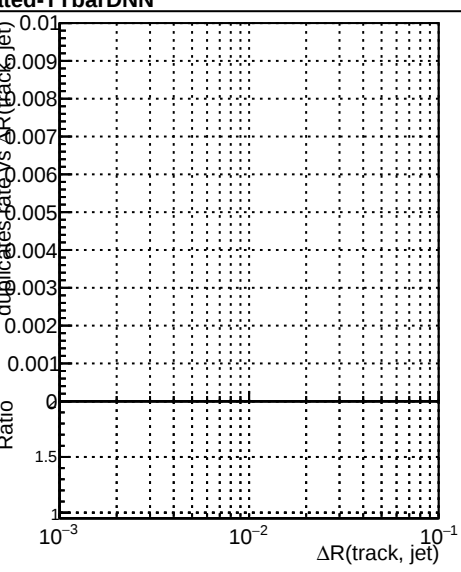
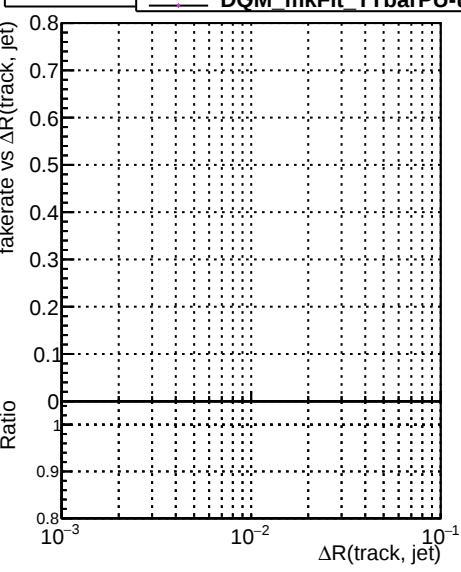
Pileup rate vs dr



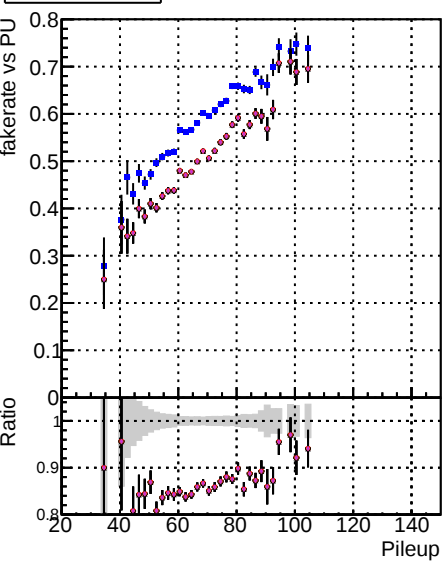
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

Model	Color	Shape
DOM	Blue	Circle
CKE	Red	Circle
TTbar	Black	Circle
PU	Black	Circle
PU-updated	Black	Circle
newPU	Black	Circle
newPU-2	Black	Circle
newPU-3	Black	Circle
newPU-4	Black	Circle
newPU-5	Black	Circle
newPU-6	Black	Circle
newPU-7	Black	Circle
newPU-8	Black	Circle
newPU-9	Black	Circle
newPU-10	Black	Circle
newPU-11	Black	Circle
newPU-12	Black	Circle
newPU-13	Black	Circle
newPU-14	Black	Circle
newPU-15	Black	Circle
newPU-16	Black	Circle
newPU-17	Black	Circle
newPU-18	Black	Circle
newPU-19	Black	Circle
newPU-20	Black	Circle

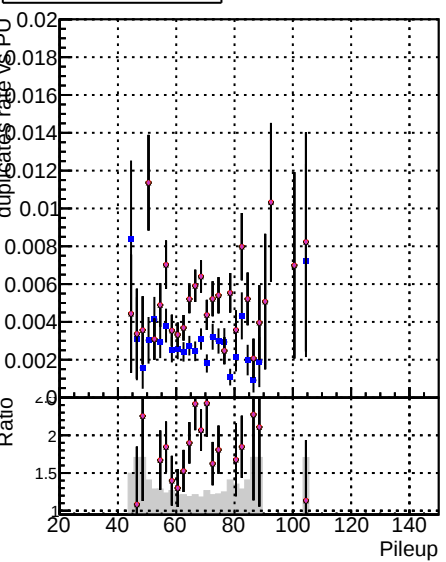
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

