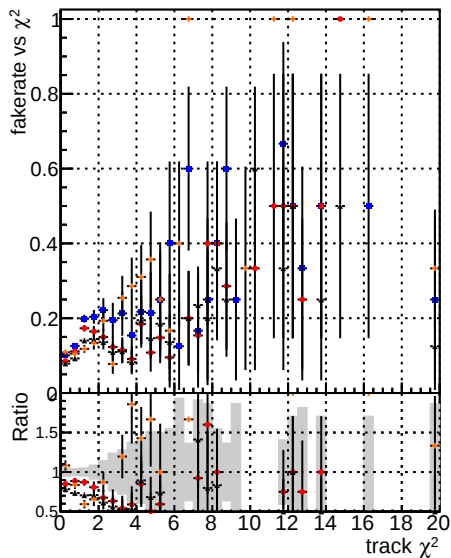
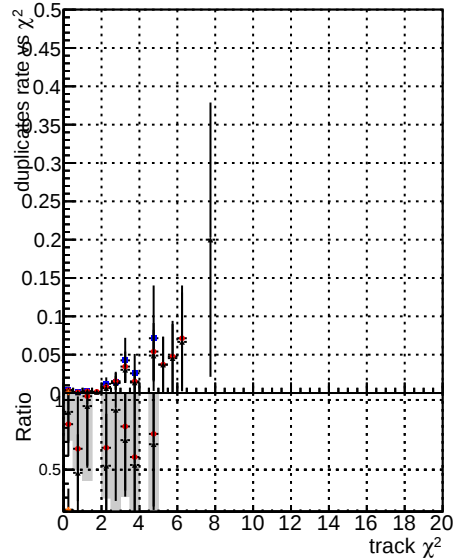


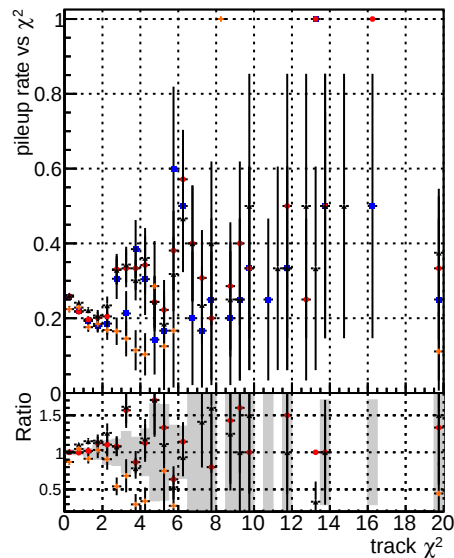
Fake rate vs normalized χ^2



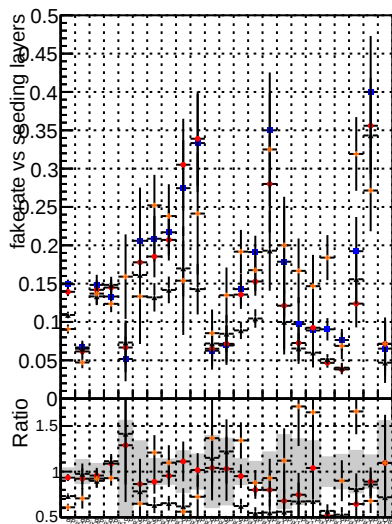
Duplicates Rate vs normalized χ^2



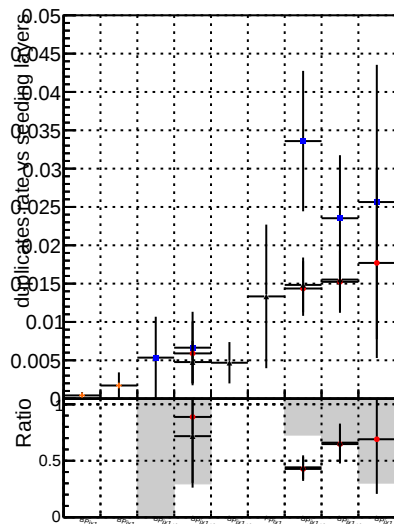
Pileup rate vs normalized χ^2



Fake rate vs.



Ratio = $\frac{\text{duplicates}}{\text{duplicates} + \text{median} + \text{over}}$



Ratio
pileup rate vs seeding layers

