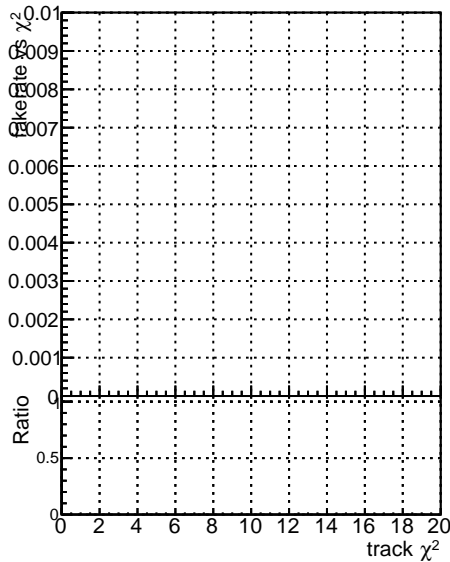
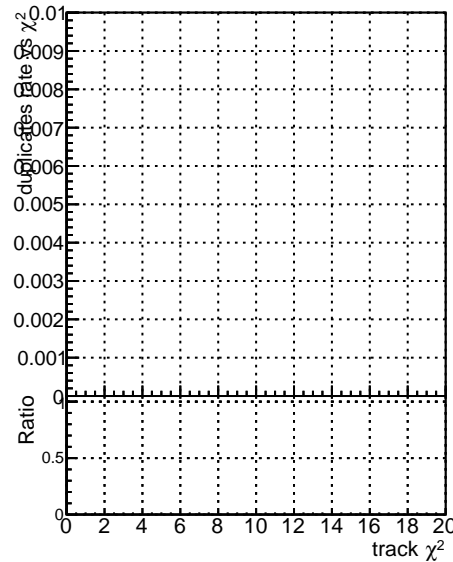


Fake rate vs normalized χ^2 **Duplicates Rate vs normalized χ^2** **Pileup rate vs normalized χ^2** 