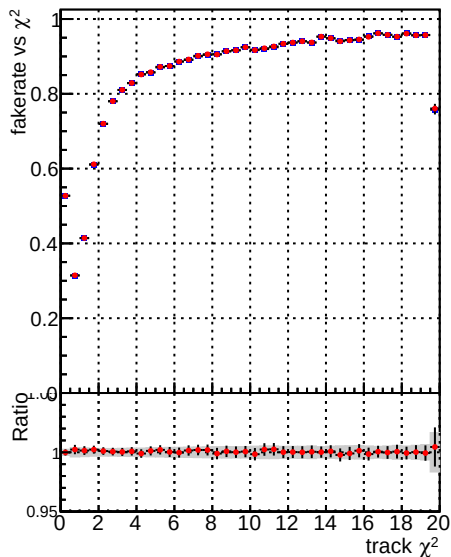
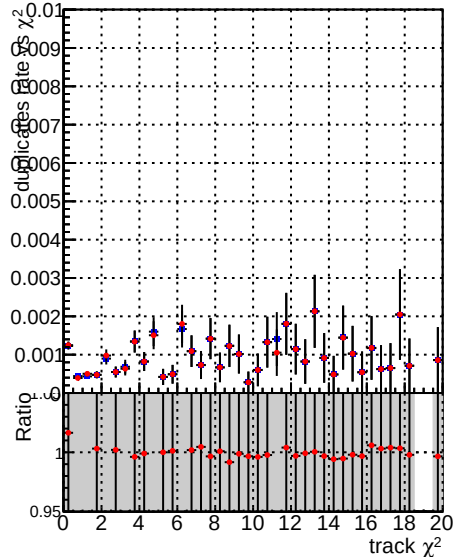
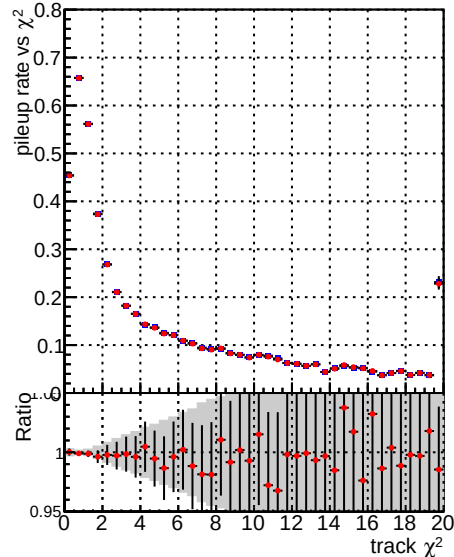


Fake rate vs normalized χ^2 **Duplicates Rate vs normalized χ^2** **pileup rate vs normalized χ^2** **Fake rate vs. χ^2** 