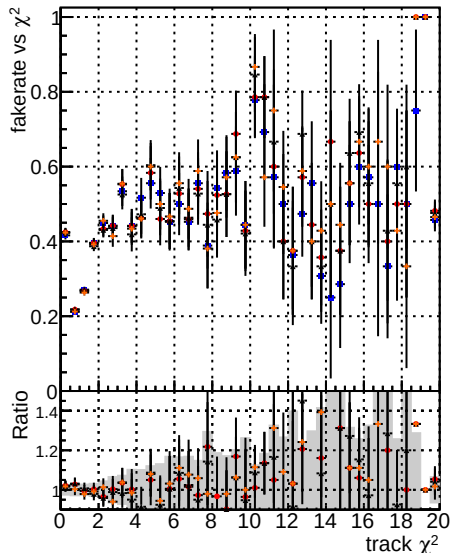
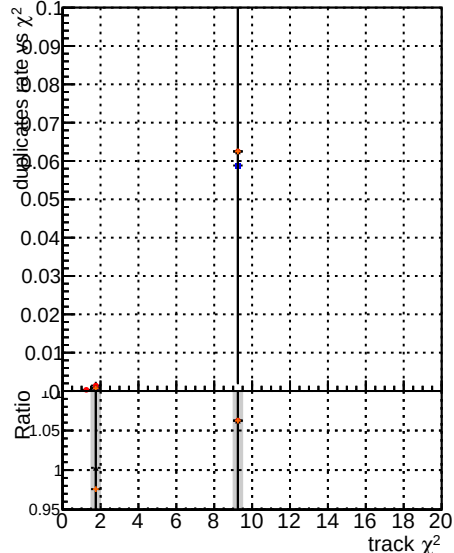


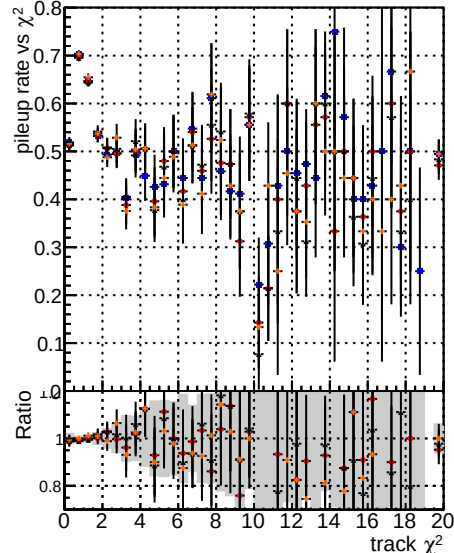
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.
 BQM mkFit Toriginal
 BQM mkFit + Toriginal
 BQM mkFit + Toriginal + Tupdate

