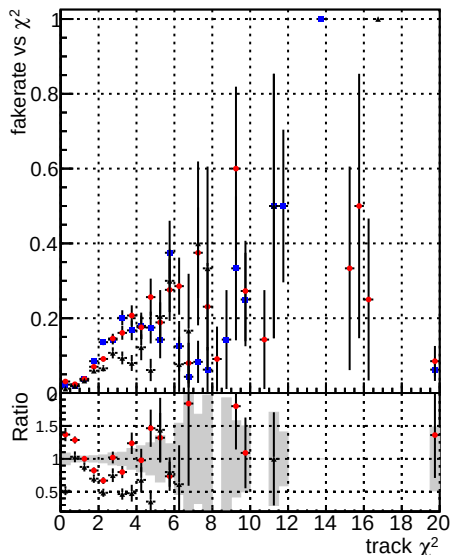
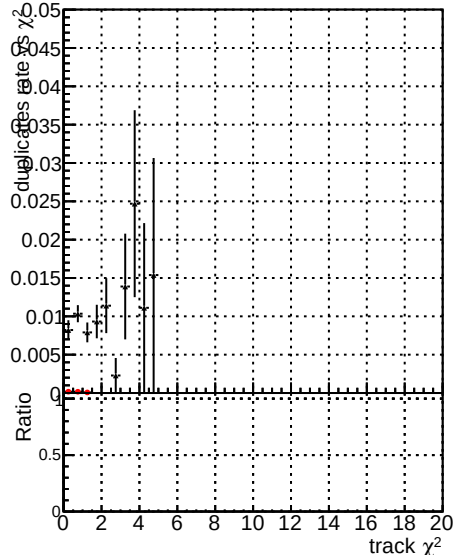


Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2

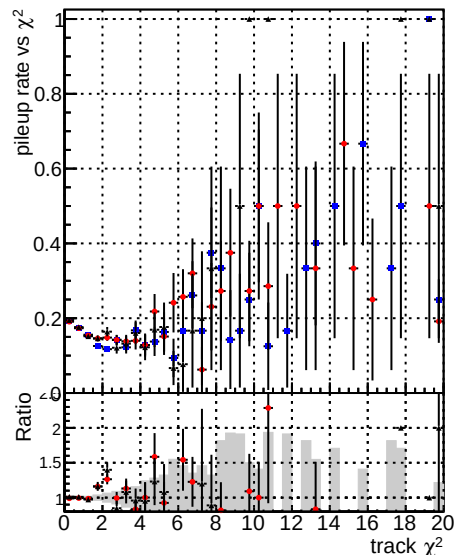


Figure 10 shows the fake rate versus significance for three different models. The y-axis is labeled 'Fake rate vs.' and the x-axis is labeled 'significance'. The three models are represented by horizontal lines with markers: DOM CKF TTbarPU (blue), DOM mkFit TTbarPU (red), and DOM mkFit TTbarPU-clonerfix (black). The DOM CKF TTbarPU model shows the highest significance for a given fake rate, followed by DOM mkFit TTbarPU, and then DOM mkFit TTbarPU-clonerfix.

