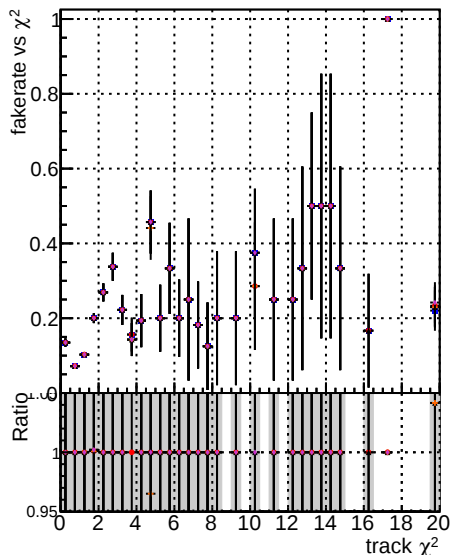
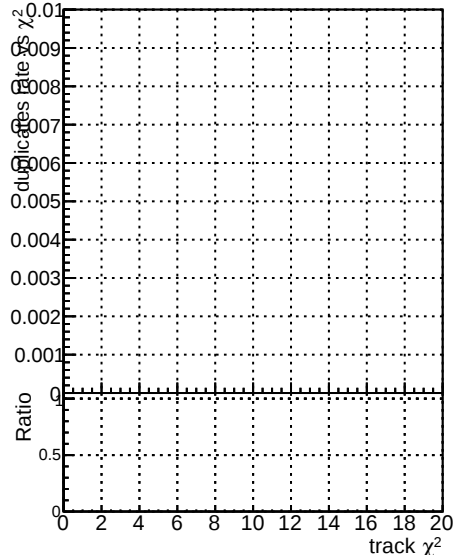


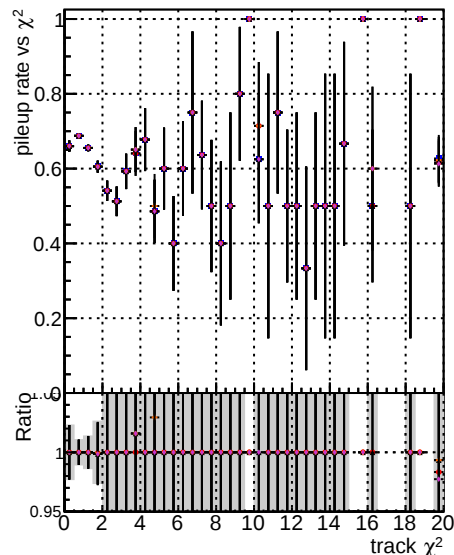
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.



The figure consists of two vertically stacked panels sharing a common x-axis representing seed layers from 0 to 10.

Top Panel: The y-axis is labeled 'fakerate vs seeding layers' and ranges from 0.0 to 1.0. It displays data points (black dots) with vertical error bars (black lines) representing the fake rate for each seed layer. The fake rate starts at approximately 0.5 for layer 0, drops to around 0.1 for layers 1-3, then rises to about 0.4 for layer 4, and continues to increase, reaching nearly 1.0 for layers 8-10.

Bottom Panel: The y-axis is labeled 'Ratio' and ranges from 0.95 to 1.0. It shows a shaded gray region representing the ratio of the fake rate to the seed rate for each seed layer. The ratio is generally close to 1.0, with some fluctuations, particularly a dip around layer 3 and a peak around layer 8.