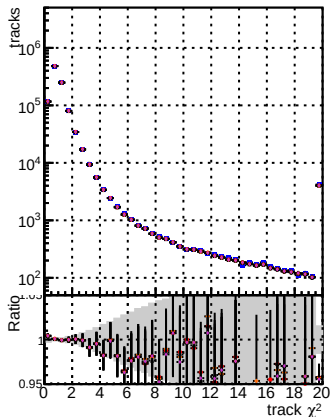


N of reco track vs normalized χ^2



N of associated (recoToSim) tracks vs normalized χ^2

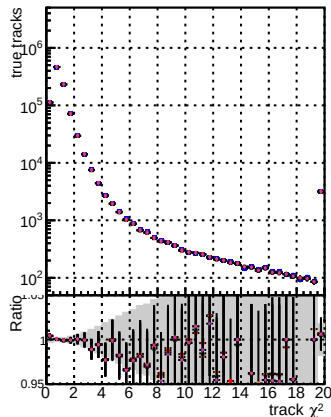
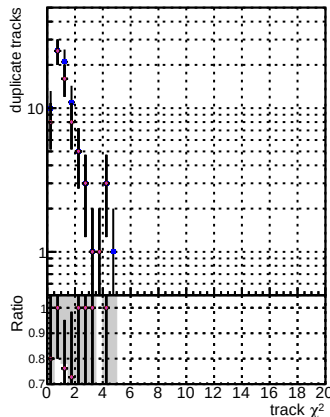
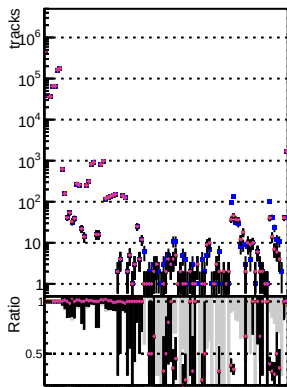


Figure 1 consists of two panels. The top panel is a log-linear plot of 'fake tracks' (y-axis, logarithmic scale from 10¹ to 10⁴) versus 'track γ^2 ' (x-axis, linear scale from 0 to 20). The data points, represented by black dots with error bars, show a sharp decrease in fake tracks as γ^2 increases, starting from approximately 10⁴ at $\gamma^2 = 0$ and dropping to around 10¹ at $\gamma^2 = 20$. The bottom panel is a linear plot of 'Ratio' (y-axis, linear scale from 0.8 to 1.2) versus 'track γ^2 ' (x-axis, linear scale from 0 to 20). The ratio is plotted as black dots with error bars, showing a slight dip from 1.0 at $\gamma^2 = 0$ to approximately 0.95 at $\gamma^2 = 10$, then rising back towards 1.0 at $\gamma^2 = 20$.

N of associated (recoToSim) looper tracks vs normalized χ^2

[illegible][illegible]