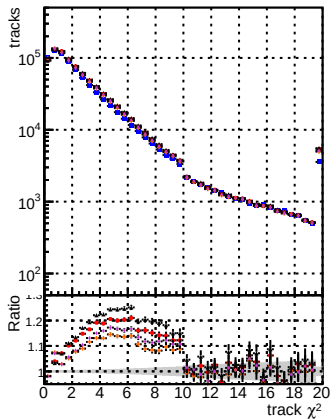


N of reco track vs normalized χ^2



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

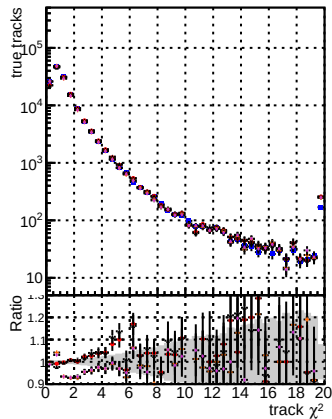
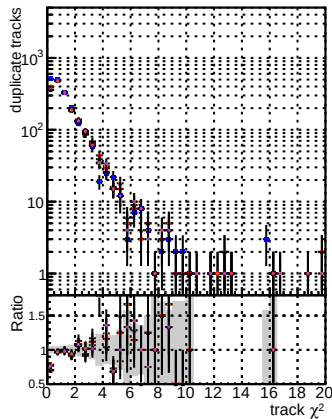
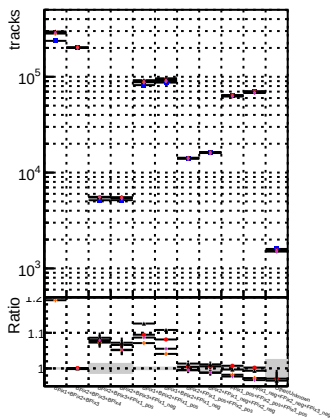


Figure 1 consists of two panels. The top panel is a log-linear plot of 'fake tracks' (y-axis, logarithmic scale from 10^2 to 10^5) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). It shows two data series: blue circles and red circles, both with error bars. Both series show a decreasing trend as χ^2 increases, starting around 10^5 at $\chi^2 = 0$ and dropping to around 10^3 at $\chi^2 = 20$. The bottom panel is a linear plot of 'Ratio' (y-axis, linear scale from 1.0 to 1.4) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). It shows the ratio of the two data series from the top panel. The ratio starts around 1.1 at $\chi^2 = 0$, peaks around 1.2 at $\chi^2 \approx 6$, and then fluctuates around 1.0 for $\chi^2 > 10$. A horizontal line is drawn at Ratio = 1.0.

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



N of reco track vs. s

[illegible][illegible]