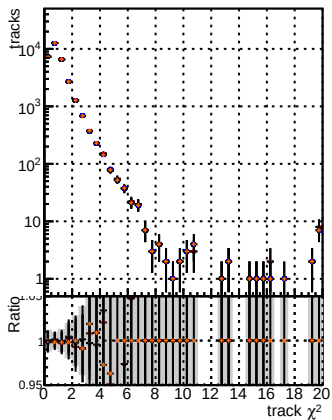
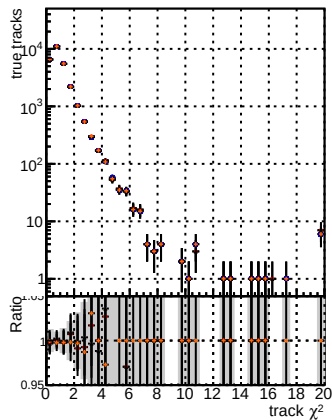


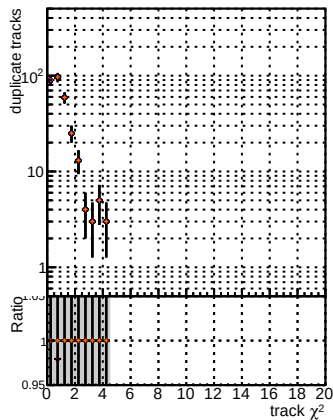
N of reco track vs normalized χ^2



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



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



N of reco track vs. s

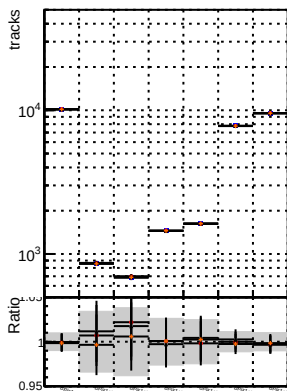


Figure 1 is a log-log plot showing the ratio of duplicate tracks to total tracks versus the number of tracks. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^2 . The x-axis is labeled 'Number of tracks' and ranges from 10^1 to 10^4 . The plot shows a decreasing trend with error bars. A shaded gray region at the bottom represents the ratio of duplicate tracks to total tracks, which is approximately 0.95 to 1.0.