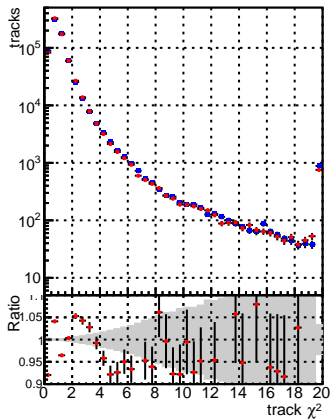
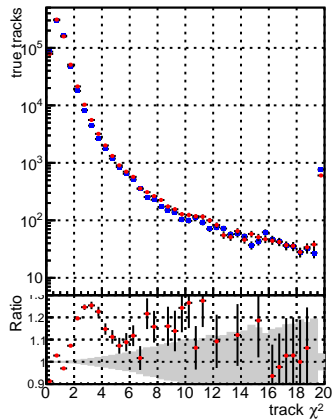


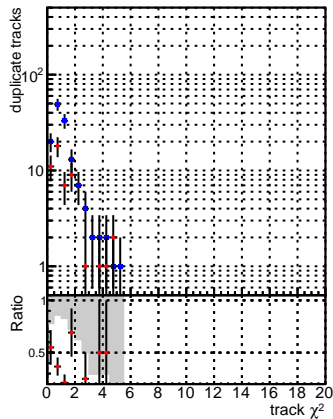
N of reco track vs normalized χ^2



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

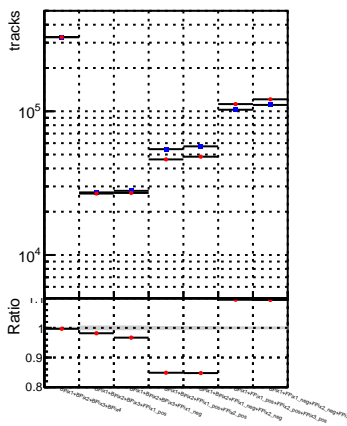


Figure 1 is a log-linear plot showing the ratio of fake tracks to total tracks as a function of the number of tracks. The y-axis is labeled 'Ratio' and ranges from 0.7 to 10⁴ on a logarithmic scale. The x-axis is labeled 'fake tracks' and ranges from 10¹ to 10⁴ on a logarithmic scale. The plot displays data points for different track multiplicities (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) and different track types (black, red, blue). The ratio generally decreases as the number of tracks increases, with a sharp drop at 10 tracks.