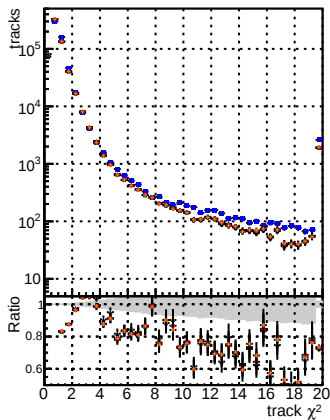


N of reco track vs normalized χ^2



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

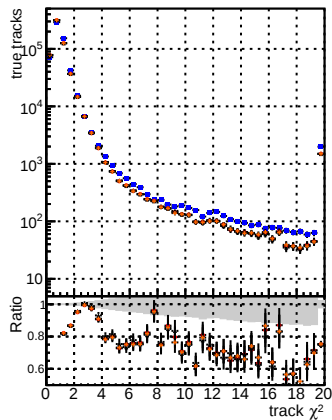
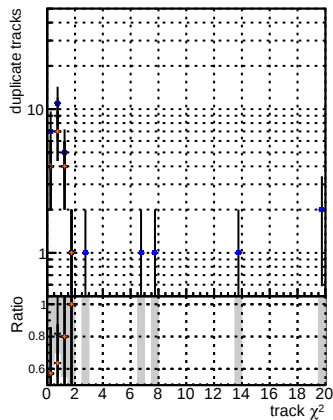


Figure 1 consists of two panels. The top panel is a log-linear plot of 'fake_tracks' (y-axis, logarithmic scale from 1 to 10^4) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). It shows data points for three different track types: blue stars, orange crosses, and black dots, all with error bars. The data points generally decrease as χ^2 increases, with a slight increase around $\chi^2 = 14$. The bottom panel is a linear plot of 'Ratio' (y-axis, linear scale from 0.5 to 1.5) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). It shows the ratio of the three track types, with a shaded gray region representing the uncertainty. The ratio is mostly around 1.0, with some fluctuations and a slight increase at higher χ^2 values.

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



N of reco track vs. s		DGM	V0001	R00000000001	Global	CMSSW	mkFitOriginal	RECO
		DGM	V0001	R00000000001	Global	CMSSW	mkFitOriginal	RECO
		DGM	V0001	R00000000001	Global	CMSSW	mkFitLowPtQuad	RECO
		DGM	V0001	R00000000001	Global	CMSSW	mkFitLowPtTriplet	RECO

