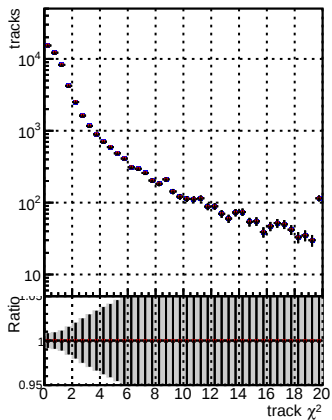
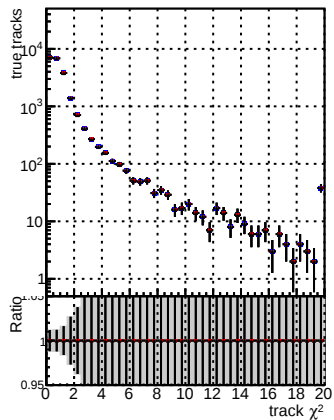


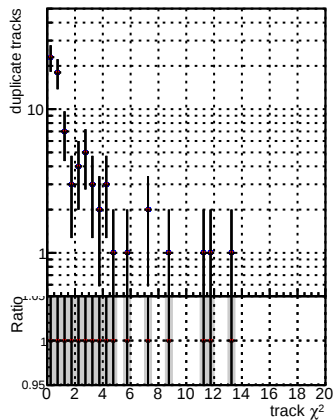
N of reco track vs normalized χ^2



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		DOM V0001 R00000000001	Global	CMSSW	mkt5017	RECO
		DOM V0001 R00000000001	Global	CMSSW	mkt5018	RECO
		DOM V0001 R00000000001	Global	CMSSW	mkt5019	RECO

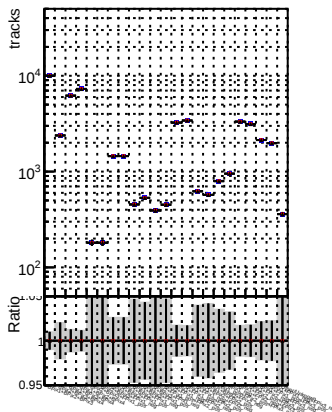


Figure 1 consists of two vertically stacked panels sharing a common x-axis. The x-axis represents the number of tracks, with major ticks at 10, 100, 1000, and 10000. The top panel is a log-log plot of 'fake tracks' (y-axis, ranging from 10^2 to 10^4) versus the number of tracks. It shows a series of data points with error bars, generally decreasing from about 10^4 at 10 tracks to about 10^2 at 10000 tracks. The bottom panel is a log-log plot of 'Ratio' (y-axis, ranging from 0.95 to 1.05) versus the number of tracks. It shows a series of data points with error bars, fluctuating around a ratio of 1.0. A shaded gray region is present in the bottom panel, likely representing a confidence interval or uncertainty band.

Figure 1 is a scatter plot with error bars showing the ratio of duplicate tracks to total tracks as a function of the number of tracks. The y-axis, labeled 'Ratio', ranges from 0.95 to 1.0. The x-axis, labeled 'duplicate tracks', ranges from 0 to 10. The data points, represented by black crosses with vertical error bars, show a clear upward trend. The ratio starts at approximately 0.97 for 0 duplicate tracks and increases to about 0.995 for 10 duplicate tracks. The error bars are relatively large, especially for lower values of duplicate tracks.