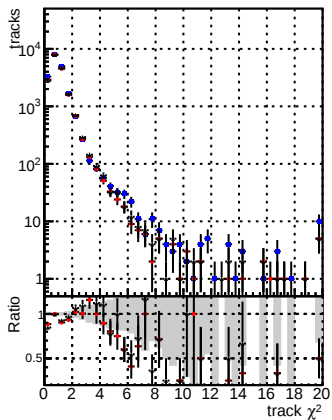
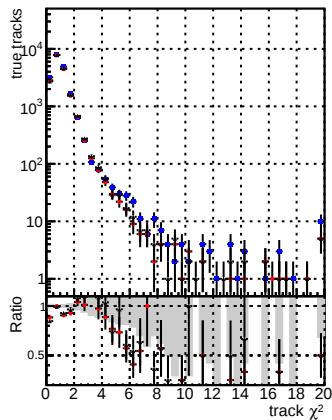


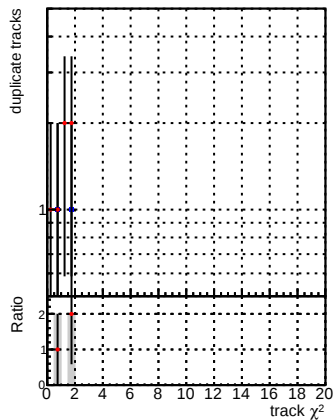
N of reco track vs normalized χ^2



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	CRF	TTbarPU	PU-noDNN	baseline
DOM	mkFit	TTbarPU	PU-noDNN	baseline	
DOM	mkFit	TTbarPU	PU-noDNN	baseline	

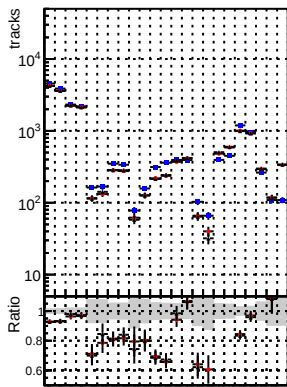


Figure 1 consists of two vertically stacked panels. The top panel is a scatter plot with error bars showing the number of fake tracks (y-axis, logarithmic scale from 1 to 100) versus track type (x-axis, categories: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). The bottom panel is a scatter plot with error bars showing the ratio (y-axis, logarithmic scale from 0.5 to 2.0) versus track type (x-axis, same categories as the top panel). Both panels show data points with error bars for each track type, indicating the distribution of fake tracks and the ratio across different track types.