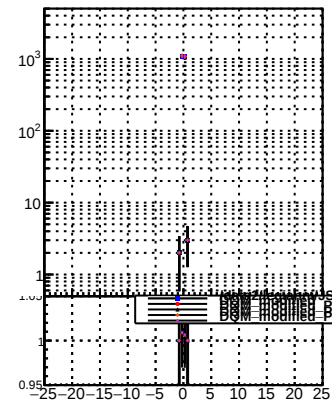


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

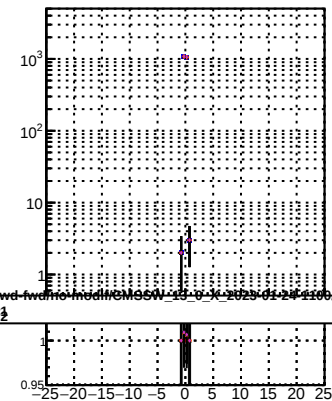
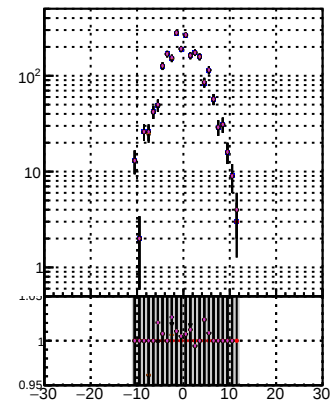


Figure 1 consists of two panels. The top panel is a scatter plot showing the distribution of t_{original} (y-axis) versus $t_{\text{synthetic}}$ (x-axis). The x-axis ranges from -25 to 25, and the y-axis ranges from 0 to 15. A vertical line is drawn at $t_{\text{synthetic}} = 0$. The data points are clustered around $t_{\text{synthetic}} = 0$, with a density gradient from blue (low density) to red (high density). The bottom panel is a histogram of $t_{\text{synthetic}}$ (x-axis) versus frequency (y-axis). The x-axis ranges from -25 to 25, and the y-axis ranges from 0 to 1. A vertical line is drawn at $t_{\text{synthetic}} = 0$. The histogram shows a sharp peak at $t_{\text{synthetic}} = 0$, with a density gradient from blue (low density) to red (high density).

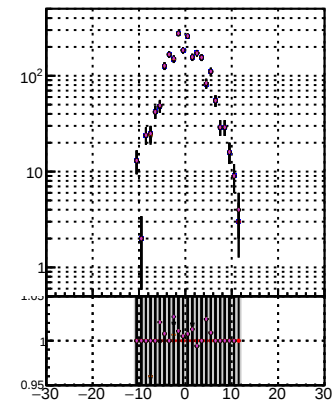
N of associated (recoToSim) loop tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

