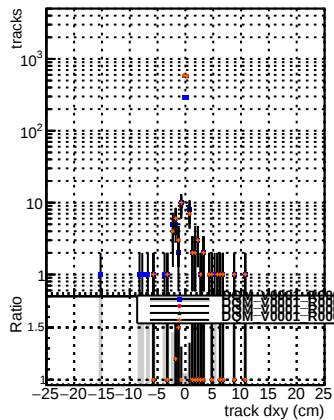


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

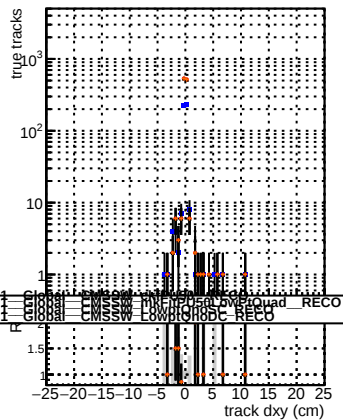
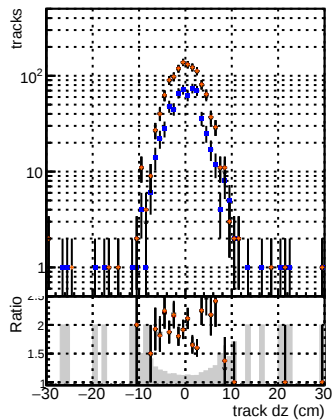


Figure 10 consists of two vertically stacked panels. The top panel is a histogram of track dx_y (cm) for fake tracks. The y-axis is labeled 'fake tracks' and has a logarithmic scale with major ticks at 1, 10, and 100. The x-axis is labeled 'track dx_y (cm)' and ranges from -25 to 25. The distribution is highly peaked at 0 cm, with a maximum frequency of approximately 80. The bottom panel is a histogram of track dx_y (cm) for real tracks. The y-axis is labeled 'real tracks' and has a linear scale with major ticks at 0.95 and 1.0. The x-axis is labeled 'track dx_y (cm)' and ranges from -25 to 25. The distribution is broader, centered around 0 cm, with a maximum frequency of approximately 1.05.

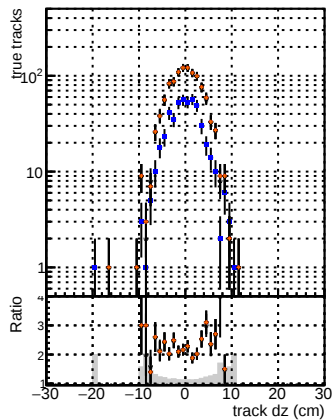
N of associated (recoToSim) loop tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

