

Figure 1 consists of two panels. The top panel is titled "MVA1 of non-associated tracks (recoToSim) vs. track p_T ". The y-axis is labeled "MVA1 output for fake tracks" and ranges from -0.5 to -1.0. The x-axis is labeled "Track p_T (GeV)" and is on a logarithmic scale from 10^{-1} to 10^3 . Data points with error bars are shown for four track types: green, red, blue, and black. The bottom panel shows the "Ratio" of the MVA1 output for fake tracks to the MVA1 output for real tracks. The y-axis ranges from 0.95 to 1.05. The x-axis is the same as the top panel. Data points with error bars are shown for the same four track types, and a grey shaded region represents the uncertainty.

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "Track η " ranging from -3 to 3. The top plot shows the "MVA1 output for fake tracks" on the y-axis, ranging from -1 to 1. It displays a series of green vertical lines representing individual fake tracks, with a prominent peak near $\eta = 2.7$. The bottom plot shows the "Ratio" of MVA1 outputs for real and fake tracks on the y-axis, ranging from 0.95 to 1.0. It displays a series of colored markers (red, green, blue, black) representing individual tracks. A shaded gray region indicates the ratio is less than 1.0, which occurs primarily between $\eta = -1$ and $\eta = 1$.