

Figure 1 consists of two panels. The top panel is a scatter plot with error bars showing the MVA1 output for true tracks as a function of track p_T (GeV) on a logarithmic scale. The y-axis ranges from -1 to 1, and the x-axis ranges from 10^{-1} to 10^3 . Data points are shown for different track types (blue, green, red, black) and a grey shaded region representing the uncertainty. The bottom panel is a scatter plot with error bars showing the ratio of the MVA1 output for true tracks to the MVA1 output for simulated tracks as a function of track p_T (GeV) on a logarithmic scale. The y-axis ranges from 0.8 to 1.2, and the x-axis ranges from 10^{-1} to 10^3 . Data points are shown for different track types (blue, green, red, black) and a grey shaded region representing the uncertainty.

[illegible]

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 0 to -1.0. A horizontal dashed line is drawn at approximately -0.8. The plot displays data for four different track selection steps (New2, New3, New4) and two different geometries (newgeom, ttbar-phase1-newgeom). The data points are represented by green vertical lines with colored markers (red, green, blue, black) at the top. The output generally decreases as η increases, with a notable dip around $\eta = 0$.

The bottom plot shows the "Ratio" on the y-axis, ranging from 0.95 to 1.0. A shaded gray region is present between 0.95 and 1.0. The plot displays data for the same four track selection steps and two geometries. The ratio is generally close to 1.0, with some fluctuations, particularly at the edges of the η range.