

Figure 1 is a log-log plot showing the reconstructed transverse momentum (TP) as a function of the true transverse momentum (p_T). The x-axis is p_T (GeV) ranging from 10^{-1} to 10^3 . The y-axis is Reconstructed TPS ranging from 10^0 to 10^4 . The plot displays a series of green dots representing data points, which follow a curve that starts at approximately $(0.3, 10^3)$, peaks around $(1, 10^3.5)$, and then decreases, reaching approximately $(10^2, 10^1)$. A solid green line represents the 1:1 relationship between reconstructed and true values. A shaded gray region indicates the ratio of reconstructed to true values, with a horizontal line at 1.0.