

Figure 1 is a log-log plot showing the ratio of reconstructed transverse momentum (p_T) to the true p_T as a function of p_T . The x-axis represents p_T in GeV, ranging from 10^{-1} to 10^3 . The y-axis represents the Ratio, ranging from 0.95 to 10. The plot shows data points with error bars, indicating the ratio of reconstructed p_T to the true p_T . A horizontal line is drawn at Ratio = 1.0, representing perfect reconstruction. The data points are clustered around the Ratio = 1.0 line, with some scatter and error bars, particularly at higher p_T values.