

Figure 1: A plot showing the ratio of reconstructed transverse momenta (TPs) versus the transverse momentum (p_T) of the leading b-jet. The x-axis is logarithmic, ranging from 10^{-1} to 10^3 GeV. The y-axis is linear, ranging from 0.95 to 1.05. The plot shows a distribution of points (black dots) and a central peak (shaded gray area) around $p_T \approx 15$ GeV. Two vertical lines are drawn at $p_T \approx 15$ GeV and $p_T \approx 50$ GeV, with red and blue markers indicating the ratio values at these points.