

The figure consists of two vertically stacked panels sharing a common x-axis representing transverse momentum p_T in GeV, ranging from 10^{-1} to 10^3 on a logarithmic scale. The top panel plots the 'TrackingParticles' ratio on a logarithmic y-axis from 10^0 to 10^4 . It shows data points (purple circles with error bars) that peak at $p_T \approx 0.5$ GeV and then decrease. The bottom panel plots the 'Ratio' on a linear y-axis from 0.95 to 1.05, showing the relative difference from the top panel's data. It features a horizontal line at 1.0 and a shaded gray band representing the uncertainty. Vertical dashed lines are present at $p_T \approx 10$ GeV and $p_T \approx 100$ GeV.