

Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled "TP η " ranging from -3 to 3. The top panel's y-axis is labeled "Tracking Particles" on a logarithmic scale from 10^2 to 10^3 . It displays a series of pink open circles connected by a solid line, showing a peak of approximately 1.5×10^3 at $\eta = 0$. The bottom panel's y-axis is labeled "Ratio" on a linear scale from 0.95 to 1.05. It shows the same data points as a solid red line, which remains constant at 1.0. A shaded gray region around the red line indicates the uncertainty, which is wider at the extremes of η .