

The figure 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 'Tracking Particles' on a logarithmic scale from 10^2 to 10^3 . It displays a series of pink circles connected by a line, showing a peak of approximately 1500 particles at $\eta = 0$. The bottom panel's y-axis is 'Ratio' on a logarithmic scale from 0.95 to 1.05. It shows a horizontal red line at 1.0, with a shaded gray band representing a confidence interval that is wider at the edges of the η range.

Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled 'TP' ranging from -3 to 3. The top panel, titled 'Reconstructed TPS', shows data points with vertical error bars on a logarithmic y-axis ranging from 1 to 10. The bottom panel, titled 'Ratio', shows data points with vertical error bars on a linear y-axis ranging from 0.95 to 1.05. The bottom panel is shaded gray for TP > 1.5 and white for TP < 1.5. A horizontal dashed line is drawn at Ratio = 1.0 in both panels.