

Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled 'TP η ' ranging from -3 to 3. The top panel shows 'TrackingParticles' on a logarithmic y-axis from 10^2 to 10^3 . It displays a series of red circles representing data points, which form a smooth, symmetric, bell-shaped curve peaking at approximately 1.5×10^3 around $\eta = 0$. The bottom panel shows 'Ratio' on a linear y-axis from 0.95 to 1.05. It features a solid red horizontal line at $y = 1.0$ and a dense collection of vertical black bars representing individual data points, which are mostly clustered around the $y = 1.0$ line.

The figure consists of two vertically stacked plots sharing a common x-axis labeled $TP \ \eta$ ranging from -3 to 3. The top plot shows 'Reconstructed TPS' on a logarithmic y-axis from 1 to 100. Data points are represented by red circles with vertical black error bars. The data shows a broad peak centered at $TP \ \eta = 0$, with values ranging from approximately 10 to 80. The bottom plot shows the 'Ratio' of Reconstructed TPS to the true TPS on a linear y-axis from 0.95 to 1.05. This plot features a series of vertical black bars, each corresponding to a data point in the top plot, and a horizontal red line at the ratio of 1.0.