

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 series of vertical black bars representing error bars. The error bars are centered around the red line and show a slight increase in width as $|\eta|$ increases.