

The figure consists of two vertically stacked panels sharing a common x-axis labeled 'TP ϕ ' ranging from -3 to 3. The top panel's y-axis is labeled 'tracking-particles' and shows data points with vertical error bars, fluctuating around a value of 10^2 . The bottom panel's y-axis is labeled 'Ratio' and shows a histogram of the ratio, with a horizontal line at 1.0. The histogram bars are centered around 1.0, indicating that the ratio of tracking particles to total particles is approximately 1.0 across the range of TP ϕ .