

Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled $TP\ \eta$ ranging from -3 to 3. The top panel shows 'TrackingParticles' on a logarithmic y-axis from 10^2 to 10^3 . It features a series of magenta circles representing data points and a solid black line representing a fit. The data shows a broad peak around $TP\ \eta = 0$. The bottom panel shows 'Ratio' on a linear y-axis from 0.95 to 1.05. It displays a series of vertical black bars representing the ratio for each $TP\ \eta$ bin, with a horizontal red line at $y = 1.0$ indicating the expected ratio.