

The figure consists of two vertically stacked panels sharing a common x-axis labeled 'TP' (Time Period) ranging from -3 to 3. The top panel, titled 'TrackingParticles', has a logarithmic y-axis ranging from 10^2 to 10^3 . It displays green circular data points connected by a line, showing a peak of approximately 1500 particles at TP=0. The bottom panel, titled 'Ratio', has a linear y-axis ranging from 0.95 to 1.05. It shows a green line at 1.0 and a series of vertical black bars representing the ratio of tracking particles to total particles, which fluctuate around the 1.0 line.