

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'TP hits' ranging from 0 to 80. The top plot shows 'TrackingParticles' on a logarithmic y-axis from 10⁰ to 10⁴. It features a series of magenta squares with error bars, showing a peak of approximately 10⁴ particles at 20 TP hits, followed by a sharp decline. The bottom plot shows the 'Ratio' on a logarithmic y-axis from 0.95 to 1.03. It features a series of black vertical bars with error bars, showing a peak of approximately 1.02 at 20 TP hits, followed by a sharp decline. A horizontal line is drawn at Ratio = 1.00.

The figure consists of two vertically stacked plots sharing a common x-axis labeled 'TP hits' ranging from 0 to 40. The top plot shows 'Reconstructed TPS' on a logarithmic y-axis (from 10 to 100). Data points are represented by purple diamonds with vertical error bars. The bottom plot shows the 'Ratio' on a linear y-axis (from 0.95 to 1.5). The ratio is plotted as a series of vertical black bars with a red horizontal line at 1.0. The ratio is generally close to 1.0, indicating good reconstruction accuracy.

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "TP layers" ranging from 0 to 25. The top plot's y-axis is "Reconstructed TPs" on a logarithmic scale from 1 to 100. It shows data points as black crosses with vertical error bars, indicating an increasing trend from approximately 4 at 4 layers to over 100 at 15 layers. The bottom plot's y-axis is "Ratio" on a linear scale from 0.95 to 1.05. It shows data points as black crosses with vertical error bars, all clustered around a horizontal red line at Ratio = 1.0. The error bars in the bottom plot are notably larger for 16, 17, and 20 layers.

Figure 1 is a log-linear plot showing the ratio of tracking particles to TP pixel layers versus TP pixel layers. The y-axis is labeled 'TrackingParticles' and ranges from 0.95 to 10^5 on a logarithmic scale. The x-axis is labeled 'TP pixel layers' and ranges from 0 to 8. Data points are shown as black dots with horizontal error bars. A horizontal line is drawn at $y=1$. A shaded gray region represents the uncertainty band, which is wider at lower x-values and narrows as x increases.

TP pixel layers	Ratio (approx.)
2	12
3	150
4	400