

The figure consists of two vertically stacked plots sharing a common x-axis labeled 'TP layers' ranging from 0 to 25.

The top plot shows 'TrackingParticles' on a logarithmic y-axis from 10^0 to 10^6 . The data points, represented by red circles with error bars, show a sharp initial drop from 10^6 at layer 0 to around 10^3 at layer 1. The particle count then remains relatively stable between 10^3 and 10^4 until layer 17, after which it decreases significantly to approximately 10^1 by layer 25.

The bottom plot shows the 'Ratio' on a logarithmic y-axis from 0.95 to 1.05. The data is represented by grey vertical bars with a red line indicating the mean ratio. The ratio fluctuates around 1.0 throughout the 25 layers, with a slight increase in variance and a downward trend starting around layer 18.

Figure 1 is a plot showing the ratio of reconstructed TPs to the ground truth TPs versus the number of TP layers. The x-axis is labeled 'TP layers' and ranges from 0 to 25. The y-axis is labeled 'Ratio' and ranges from 0.95 to 1.05. A horizontal line is drawn at Ratio = 1.0. Data points with error bars are plotted for layers 0 to 17. The ratio is generally close to 1.0, with some fluctuations and error bars indicating uncertainty.

Figure 1 is a log-linear plot showing the ratio of tracking particles to the total number of particles as a function of the number of TP pixel layers. The y-axis is labeled "Ratio" and is on a logarithmic scale, ranging from 0.95 to 10^6 . The x-axis is labeled "TP pixel layers" and is on a linear scale, ranging from 0 to 8. Data points are shown as black circles with horizontal error bars. A horizontal line is drawn at Ratio = 1.0. A shaded gray region represents the uncertainty band, which is wider at higher pixel layer counts.

TP pixel layers	Ratio (approx.)
0	2×10^6
1	1.5×10^3
2	2.5×10^3
3	1.2×10^4
4	6×10^4
5	1.2×10^4
6	6×10^2
7	1.5×10^1

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'TP pixel layers' ranging from 0 to 8. The top plot shows 'Reconstructed TPs' on a logarithmic y-axis from 1 to 100. Data points are shown for layers 0, 3, 4, and 5, each with a red dot and black error bars. The bottom plot shows the 'Ratio' on a linear y-axis from 0.95 to 1.05. Data points are shown for all layers from 0 to 8, each with a red dot and black error bars. The ratio is consistently near 1.0 across all layers.

TP pixel layers	Reconstructed TPs (approx.)	Ratio (approx.)
0	20	1.00
3	5	1.00
4	15	1.00
5	7	1.00

Figure 10 is a log-linear plot showing the ratio of Reconstructed TPs to TP 3D layers. The x-axis is labeled 'TP 3D layers' and ranges from 0 to 20. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10. The plot shows data points with error bars for layers 0, 4, 6, 8, 10, and 12. The ratio is approximately 1.5 for layers 0, 4, 6, 8, 10, and 12. A horizontal line is drawn at Ratio = 1.5.

TP 3D layers	Ratio (approx.)
0	1.5
4	1.5
6	1.5
8	1.5
10	1.5
12	1.5