

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 10^2 to 10^4 . The data points, represented by black crosses, show a general downward trend from approximately 10^3 at layer 0 to 10^2 at layer 20, followed by a sharp drop to around 10^1 at layer 25.

The bottom plot shows 'Ratio' on a logarithmic y-axis from 0.95 to 1.05. The data is represented by a series of vertical grey bars. A horizontal red line is drawn at Ratio = 1.0. The bars fluctuate around this line, with most values between 0.98 and 1.02, and some reaching down to 0.95 at the beginning and end of the range.

Figure 10 is a log-linear plot showing the ratio of TrackingParticles to TP pixel layers versus TP pixel layers. The y-axis is logarithmic, ranging from 0.95 to 10^5 . The x-axis is linear, 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. Shaded gray regions represent the uncertainty bands for the data points.

TP pixel layers	Ratio (approx.)
0	1.2
1	1.5
2	2.5
3	12
4	60
5	12
6	0.6
7	1.5

Figure 10 is a log-linear plot showing the relationship between the number of TP pixel layers and the reconstructed TPs and the ratio. The x-axis represents the TP pixel layers (0 to 8). The top y-axis represents Reconstructed TPs on a logarithmic scale (10² to 10⁴). The bottom y-axis represents the Ratio on a linear scale (0.95 to 1.05). The plot shows data points with error bars for Reconstructed TPs and Ratio. A shaded gray region highlights the area where the Ratio is between 0.95 and 1.05 for TP pixel layers from 2 to 5.

Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'TP 3D layers' ranging from 0 to 20.

The top plot shows 'TrackingParticles' on a logarithmic y-axis from 10^2 to 10^4 . Data points are represented by black crosses with vertical error bars. The number of tracking particles starts around 10^3 at layer 0, peaks near 10^4 between layers 6 and 10, and then decreases sharply to approximately 10^1 by layer 16.

The bottom plot shows the 'Ratio' on a logarithmic y-axis from 0.95 to 1.05. It features a central horizontal line at Ratio = 1.0. Grey shaded vertical bars represent the distribution of ratios for each layer. Most layers show a ratio close to 1.0, with some variation between layers 10 and 16, where the distribution becomes wider and shifts slightly above 1.0.

Figure 1 consists of two panels. The top panel is a log-linear plot showing the number of reconstructed TPs (y-axis, logarithmic scale from 10 to 100) versus the number of TP 3D layers (x-axis, linear scale from 0 to 20). The bottom panel is a linear plot showing the ratio of reconstructed TPs to ground truth TPs (y-axis, linear scale from 0.95 to 1.05) versus the number of TP 3D layers (x-axis, linear scale from 0 to 20). Both panels include data points with error bars. The top panel shows a peak in reconstructed TPs around 8-10 layers, while the bottom panel shows the ratio fluctuating around 1.0.