

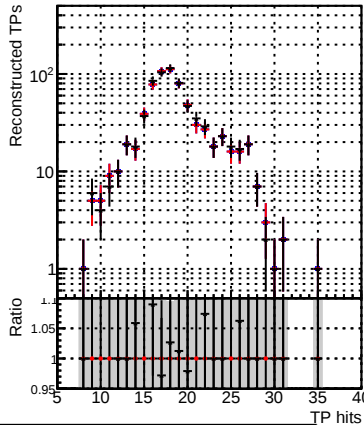
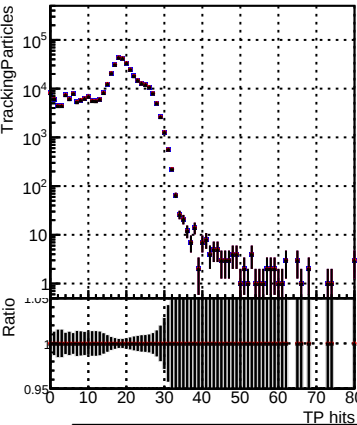


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "TP layers" ranging from 0 to 25. The top plot's y-axis is labeled "Tracking Particles" on a logarithmic scale from 10^0 to 10^6 . It displays data points as purple circles with vertical error bars, showing an overall upward trend from approximately 10^0 at layer 0 to about 10^4 at layer 15, followed by a slight decrease. The bottom plot's y-axis is labeled "Ratio" on a linear scale from 0.95 to 1.05. It displays data points as grey vertical bars with error bars, showing a general downward trend from approximately 1.02 at layer 0 to about 0.98 at layer 25.

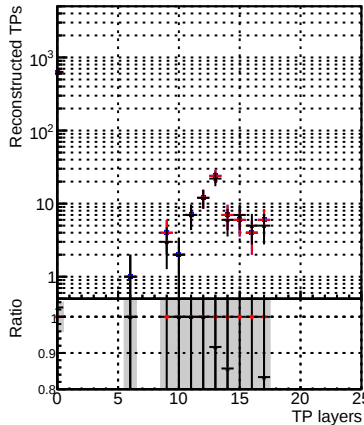
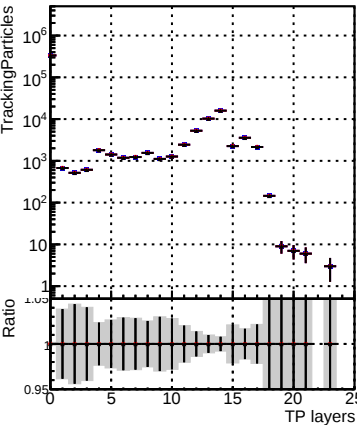


Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'TP pixel layers' ranging from 0 to 8.

The top plot shows 'Tracking particles' on a logarithmic y-axis, ranging from 10^0 to 10^6 . Data points are represented by black dots with horizontal error bars. The data points are approximately at (0, 4×10^5), (1, 8×10^2), (2, 10^3), (3, 7×10^3), (4, 4×10^4), (5, 4×10^3), and (6, 5×10^1).

The bottom plot shows the 'Ratio' on a linear y-axis, ranging from 0.95 to 1.05. A horizontal line is drawn at Ratio = 1.0. Shaded gray regions represent the uncertainty bands around the ratio. The ratio is generally close to 1.0, with some fluctuations and larger uncertainty bands at higher TP pixel layer counts.

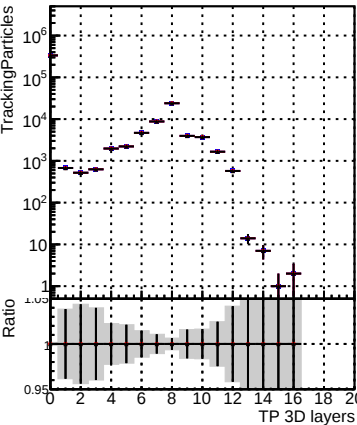
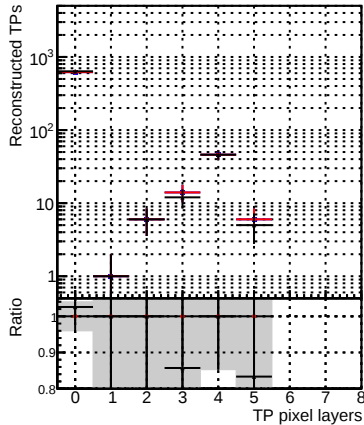
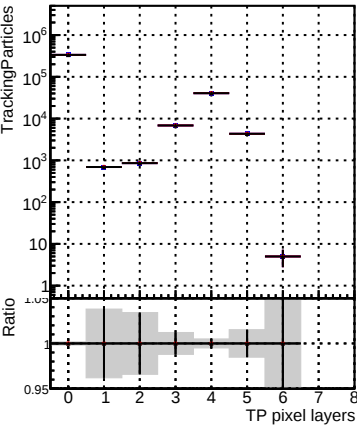


Figure 1 is a log-linear plot showing the ratio of reconstructed TPs to the ground truth TPs versus the number of TP 3D layers. The y-axis is logarithmic, ranging from 0.8 to 10^3 . The x-axis is linear, ranging from 0 to 20. A horizontal line at Ratio = 1.0 indicates perfect reconstruction. Data points with error bars are shown for 0, 4, 6, 8, 10, and 12 layers. The ratio increases with the number of layers, reaching approximately 40 at 8 layers and stabilizing around 5-7 for 10 and 12 layers.

