

Figure 10 is a plot showing the ratio of reconstructed TPs to TP hits for three different methods: w2_prelimWPM_epoch4, w2_prelimWPM_epoch4, and w2_ANDPLessRetrain_epoch4. The x-axis represents TP hits (5 to 40), and the y-axis represents the ratio (0.95 to 1.05). The plot shows vertical lines with error bars and dots indicating the ratio for each method across different TP hit counts.

N of simulated tracks vs pixel layer

N of associated tracks (simToReco) vs pixel layer

Figure 10 is a log-linear plot showing the ratio of TrackingParticles to TP pixel layers. The y-axis is logarithmic, ranging from 0.95 to 10^4 . 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. A shaded gray region represents the uncertainty band around the ratio of 1.0.

TP pixel layers	Ratio
0	~2000
1	~1500
2	~1200
3	~6000
4	~20000
5	~5000
6	~8
7	~2

Figure 10 is a log-linear plot showing the ratio of Reconstructed TPs to TP pixel layers. The x-axis is labeled 'TP pixel layers' and ranges from 0 to 8. The y-axis is labeled 'Ratio' and ranges from 0.9 to 1.0. Data points with error bars are shown for layers 3, 4, and 5. A shaded gray region highlights the area where the ratio is approximately 1.0 for layers 3 to 5.

TP pixel layers	Ratio (approx.)
3	1.0
4	1.0
5	1.0

The figure consists of two vertically stacked panels sharing a common x-axis labeled 'TP 3D layers' ranging from 0 to 20.

The top panel plots 'TrackingParticles' on a logarithmic y-axis from 10^2 to 10^4 . Data points are shown as black circles with vertical error bars. The number of tracking particles starts at approximately 2000 for 0 layers, peaks at about 15000 for 8 layers, and then decreases to around 600 for 12 layers. There is a significant outlier at 13 layers with a value of approximately 10.

The bottom panel plots 'Ratio' on a logarithmic y-axis from 0.95 to 1.05. Data points are shown as black circles with vertical error bars. The ratio fluctuates around 1.0, with most values between 0.98 and 1.02. There is a notable outlier at 14 layers with a ratio of approximately 0.96.

Figure 10 is a log-linear plot showing the ratio of Reconstructed TPs to TP 3D layers versus 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 on a logarithmic scale. A horizontal line is drawn at Ratio = 1. Data points are shown for layers 5, 6, 7, 8, 9, 10, 11, and 12. Each point has a vertical error bar. The ratio is generally around 1, with a slight increase at layer 9.

TP 3D layers	Ratio (approx.)	Error Bar (approx.)
5	1.0	0.95 - 1.05
6	1.8	1.2 - 2.8
7	1.8	1.2 - 2.8
8	3.2	2.2 - 4.8
9	8.0	6.0 - 10.0
10	2.2	1.5 - 3.5
11	2.2	1.5 - 3.5
12	1.0	0.8 - 1.2