

Figure 10 is a plot showing the ratio of fake tracks to total tracks as a function of the number of tracks (N_{tracks}). The y-axis is labeled 'Ratio' and ranges from 0.6 to 1.4. The x-axis is labeled ' N_{tracks} ' and ranges from 1 to 10. The plot displays data points with error bars for three different detector configurations:

- $100\% \text{ inner TC detector}$ (blue points)
- $100\% \text{ inner TC detector} + 100\% \text{ outer TC detector}$ (red points)
- $100\% \text{ inner TC detector} + 100\% \text{ outer TC detector} + 100\% \text{ outer TC detector}$ (green points)

The ratio decreases as the number of tracks increases, and the configuration with the most detector layers (green) shows the lowest ratio of fake tracks.