

N of associated tracks (simToReco) vs transverse vert position

Figure 1 consists of two panels. The top panel is a log-linear plot showing 'Reconstructed TPs' on the y-axis (logarithmic scale from 10¹ to 10⁴) versus 'TP Sim. PV z (cm)' on the x-axis (linear scale from -10 to 20). Data points are shown as black crosses with vertical error bars. The bottom panel is a linear plot showing the 'Ratio' on the y-axis (linear scale from 0.95 to 1.05) versus 'TP Sim. PV z (cm)' on the x-axis (linear scale from -10 to 20). The ratio is represented by a solid red line at 1.0, with a shaded gray region indicating the uncertainty. The ratio is mostly around 1.0, with some deviations at the extremes.