

Z+Jet

Figure 1 consists of two panels. The top panel is a plot of the ratio N/N_T versus width. The y-axis ranges from 0 to 1.0, and the x-axis ranges from 0 to 1.0. Data points from CMS (black squares) are shown, along with four Pythia 8.212 default models: default (blue solid line with triangles), default-CD (red dashed line with triangles), default-DL (purple dash-dotted line with triangles), and default-MBR (blue dotted line with triangles). The bottom panel is a histogram showing the ratio of the number of particles to the number of primary particles, N/N_T , as a function of width. The y-axis ranges from 0.5 to 2.0, and the x-axis ranges from 0 to 1.0. The histogram is color-coded: green for $N/N_T < 1$ and yellow for $N/N_T \geq 1$. A horizontal line is drawn at $N/N_T = 1$. The text 'CMS_2021_I1920187' is visible in the top panel.

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 300\text{k}$ events