

Z+Jet

Figure 1 consists of two panels. The top panel is a plot of the distribution of groomed width, showing the number of events (dN/dln) versus groomed width. The x-axis ranges from 0 to 1, and the y-axis ranges from 0 to 10,000. The CMS data is shown as black squares, and the three Pythia 8.308 models are shown as lines with markers: default (blue triangles), tune-4c (red stars), and tune-4cx (orange squares). The distributions are peaked around a groomed width of 0.05. The bottom panel is a plot of the ratio of the Pythia 8.308 models to the CMS data, showing the ratio versus groomed width. The x-axis ranges from 0 to 1, and the y-axis ranges from 0.5 to 2.0. The ratio is shown as a green band, indicating the ratio is within 10% of 1.0. The CMS data is shown as a black line at a ratio of 1.0.

Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

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