

Z+Jet

Figure 1 consists of two panels. The top panel shows the differential decay rate $\frac{dN}{d\ln(\text{thrust})}$ as a function of thrust. The x-axis is labeled 'thrust' and ranges from 0 to 1. The y-axis is labeled ' $\frac{dN}{d\ln(\text{thrust})}$ ' and ranges from 0 to 100,000. Data points from CMS are shown as black squares. Theoretical predictions are shown as lines: Herwig++ 2.7.1 default (orange dashed line with circles), Herwig 7.2.1 default (green dashed line with squares), and Pythia 8.170 default (blue solid line with triangles). The bottom panel shows the ratio of the Monte Carlo models to the CMS data, labeled 'Ratio to CMS'. The y-axis ranges from 0.5 to 2.0. A horizontal line at 1.0 represents the ratio of the models to the data. Shaded regions indicate the uncertainty of the ratio.

CMS_2021_I1920187

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 400\text{k}$ events