

Z+Jet

Figure 1 consists of two panels. The top panel shows the differential distribution $\frac{dN}{d\ln(\text{thrust})}$ versus thrust for the CMS data (black squares) and three Herwig models: Herwig++ 2.7.1 default (orange dashed line with circles), Herwig 7.2.1 default (green dashed line with squares), and Herwig 7.2.1 softTune (blue solid line with triangles). The x-axis ranges from 0 to 1, and the y-axis ranges from 0 to 10000. The bottom panel shows the ratio of the models to the CMS data, $\frac{\text{model}}{\text{CMS}}$, versus thrust . The x-axis ranges from 0 to 1, and the y-axis ranges from 0.5 to 2. The ratio is shown as a green band with a central line, indicating the uncertainty of the models relative to the CMS data.

CMS_2021_I1920187

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

thrust