

Jets

The figure consists of two panels sharing a common x-axis labeled 'thrust' ranging from 0 to 1.

Top Panel: The y-axis is labeled $\frac{dN}{d \ln(\text{thrust})}$ and ranges from 0 to 200,000. It shows the thrust distribution. The CMS data is represented by black squares, and the Herwig 7.2.1 default is represented by a green dashed line with open squares. The Herwig 7.2.1 default shows a sharp peak at low thrust values, while the CMS data is more spread out. A label 'CMS_2021_I1920187' is present near the data points.

Bottom Panel: The y-axis is labeled 'Ratio to CMS' and ranges from 0.5 to 2.0. It shows the ratio of the Herwig 7.2.1 default to the CMS data. A green cross indicates the central value, and a yellow band represents the uncertainty. The ratio is approximately 1.0 across the entire thrust range.

Rivet 3.1.10, 2.2M events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

thrust