

Jets

Figure 1 consists of two panels. The top panel shows the multiplicity distribution of jets in CMS data and Monte Carlo models. The x-axis is multiplicity (0 to 60) and the y-axis is $\frac{1}{N} \frac{dN}{dp_T}$ (0 to 120). The legend indicates three data series: CMS (black squares), Herwig 7.2.1 default (green dashed line with squares), and Pythia 8.308 default (blue solid line with triangles). The bottom panel shows the ratio of the Monte Carlo models to the CMS data, with yellow bars for Herwig and green bars for Pythia. The x-axis is multiplicity (0 to 60) and the y-axis is Ratio to CMS (0.5 to 2.5). The text 'CMS_2021_11920187' is visible in the top panel.

mcplots.cern.ch [arXiv:1306.3436] Rivet 3.1.10, $\geq 2.8\text{M}$ events

2

1

10.

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