

Jets

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲— Pythia 8.170 default

↙

$$\frac{1}{\mathrm{d} N / \mathrm{d} p_{\mathrm{T}_1} \mathrm{d} p_{\mathrm{T}_2} \mathrm{d} \lambda_{\mathrm{bda}}} \mathrm{d}^4 N$$
Rivet 3.1.10, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2021 I1920187

Ratio to CMS

The histogram displays the distribution of groomed multiplicity (charged-only) for two categories: signal (green) and background (yellow). The x-axis represents the groomed multiplicity, ranging from 0 to 100. The y-axis represents the frequency or count, ranging from 0 to 2. The background distribution is concentrated at low multiplicities (0 to 40), while the signal distribution is concentrated at high multiplicities (50 to 100).