

CMS, 13 TeV, AK8 jets, central dijet region, $50 < p_T^{\text{dijet}} < 65$ GeV

Y-axis (top): $\frac{1}{\#} \frac{dN}{dp_T d\lambda}$

Y-axis (bottom): Ratio to CMS

X-axis: groomed multiplicity (charged-only)

Legend:

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 vincia-default
- ◆ Sherpa 2.2.9 default

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, ≥ 100k events

(CMS_2021_I1920187)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

groomed multiplicity (charged-only)