

CMS, 13 TeV, AK8 jets, central dijet region,  $1000 < p_T^{\text{jets}} < 4000$  GeV

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

Y-axis (bottom): Ratio to CMS

X-axis: multiplicity

Legend:

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.315 default

(CMS\_2021\_I1920187)

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0, ≥ 100k events

(CMS\_2021\_I1920187)

Ratio to CMS

multiplicity