

# Jets

CMS, 13 TeV, AK4 jets, forward dijet region,  $50 < p_T^{\text{dijet}} < 65$  GeV

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

Y-axis (bottom): Ratio to CMS

X-axis: groomed multiplicity

Legend:

- CMS
- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- Pythia 6.428 374
- Pythia 6.428 375
- △- Pythia 6.428 381
- ▽- Pythia 6.428 382

(CMS\_2021\_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, ≥ 100k events

(CMS\_2021\_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

groomed multiplicity