

CMS, 13 TeV, AK8 jets, forward dijet region, $326 < p_T^{\text{dijet}} < 408$ GeV
 Rivet 4.1.0, $\geq 100k$ events
 mcplots.cern.ch [arXiv:2401.10621]
 (CMS_2021_I1920187)

Legend:
 ■ CMS
 -○- Pythia 6.428 345
 -□- Pythia 6.428 346
 -△- Pythia 6.428 370
 -■- Pythia 6.428 default

Y-axis (top): $\frac{1}{dN/dp_T d\lambda} \frac{dN}{dp_T d\lambda}$
 Y-axis (bottom): Ratio to CMS
 X-axis: groomed multiplicity



mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

groomed multiplicity