

CMS, 13 TeV, AK4 jets, forward 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 (bottom): groomed multiplicity

Legend:

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, ≥ 100k events

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

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0.5