

Jets

CMS, 13 TeV, AK8 jets, forward dijet region, $88 < p_T^{\text{jets}} < 120$ GeV

Rivet 4.1.0, $\geq 100k$ events
 mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1920187)

Legend:
 ■ CMS
 ▲ Pythia 8.315 default
 ▼ Pythia 8.315 tune-AU2
 ◇ Pythia 8.315 tune-AU2lox
 □ Pythia 8.315 tune-AU2loxx
 ★ Pythia 8.315 tune-AU2m

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

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2

1

0.5

multiplicity (charged-only)