

CMS, 13 TeV, AK8 jets, central dijet region, $408 < p_T^{\text{dijet}} < 481$ GeV
 Rivet 4.1.0, $\geq 100k$ events
 mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1920187)

The top panel shows the distribution $\frac{1}{\#} \frac{dN}{dp_T d\lambda}$ on a logarithmic scale from 10^{-7} to 1 . The bottom panel shows the ratio of the distributions to the CMS data, with shaded regions indicating the 68% (green) and 95% (yellow) confidence levels.

Legend for the top panel:

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.165 default

The x-axis for both panels is groomed multiplicity, ranging from 0 to 150.

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0.5