

CMS, 13 TeV, AK4 jets, forward dijet region, $88 < p_T^{\text{jets}} < 120$ GeV
 Rivet 4.1.0, ≥ 100 k events
 mcplots.cern.ch [arXiv:2401.10621]
 (CMS_2021_I1920187)

The top panel shows the differential cross-section $\frac{1}{\#} \frac{dN}{dp_T} \frac{d\lambda}{dp_T}$ on a logarithmic scale (from 10^{-2} to 10^2) versus p_{TD2} (from 0 to 1). The bottom panel shows the ratio of the cross-section to the CMS data on a linear scale (from 0.5 to 2) versus p_{TD2} (from 0 to 1).

Legend for the top panel:

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▽ Pythia 6.428 dw
- Pythia 6.428 p0

Legend for the bottom panel:

- Ratio to CMS

(CMS_2021_I1920187)

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2

1

0.5

pTD2