

CMS, 13 TeV, AK8 jets, central dijet region, $614 < p_T^{\text{jet}} < 800 \text{ GeV}$
 (CMS_2021_I1920187)
 mcplots.cern.ch [arXiv:2401.10621]
 Rivet 4.1.0, $\geq 100\text{k}$ events

The top panel shows the differential cross-section $\frac{1}{\lambda} \frac{dN}{dp_T d\lambda}$ on a logarithmic scale. The bottom panel shows the ratio of the cross-section to the CMS result, Ratio to CMS , on a linear scale.

The x-axis for both panels is $p_{TD2} \text{ (charged-only)}$, ranging from 0 to 1.

The legend for the top panel is:

- CMS
- △ Pythia 6.426 ambt1
- Pythia 6.426 z2

The legend for the bottom panel is:

- Yellow shaded region: Pythia 6.426 ambt1 ratio
- Green shaded region: Pythia 6.426 z2 ratio

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2
1
0