

CMS, 13 TeV, AK4 jets, Z+jet region, $150 < p_T^{\text{jet}} < 186$ GeV
 Rivet 4.1.0, $\geq 100k$ events
 mcplots.cern.ch [arXiv:2401.10621]
 (CMS_2021_I1920187)

The top panel shows the differential event rate $\frac{1}{\#} \frac{dN}{d\lambda dp_T d\lambda}$ on a logarithmic scale (from 10^{-3} to 10^3) versus groomed thrust (from 0 to 1). The bottom panel shows the ratio of the event rate to the CMS result on a linear scale (from 0.5 to 2) versus groomed thrust (from 0 to 1).

Legend for the top panel:

- CMS
- △ Pythia 6.428 370
- ⋯△ Pythia 6.428 373
- Pythia 6.428 374
- ⋯○ Pythia 6.428 375
- △ Pythia 6.428 381
- ⋯△ Pythia 6.428 382

Legend for the bottom panel:

- Ratio to CMS
- groomed thrust

(CMS_2021_I1920187)

Rivet 4.1.0, $\geq 100\text{k}$ events

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2

1

0.5

groomed thrust