

Jets

Top Panel: $\frac{1}{dN/dp_T d\lambda}$ vs groomed multiplicity. CMS, 13 TeV, AK8 jets, central dijet region, $50 < p_T^{j1,j2} < 65$ GeV. Rivet 4.1.0, $\geq 100k$ events.

Bottom Panel: Ratio to CMS vs groomed multiplicity. (CMS_2021_I1920187)

Legend:

- CMS
- Pythia 6.428 345
- △ Pythia 6.428 370
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

groomed multiplicity