

13000 GeV pp

Jets

Groomed multiplicity λ_0^0 (charged only) (CMS jet substructure)

- CMS
- *--- Pythia 6.428 355
- Pythia 6.428 356
- △--- Pythia 6.428 370
- *--- Pythia 6.428 379
- △--- Pythia 6.428 ambt1
- Pythia 6.428 z2

 $\frac{1}{\mathrm{d}N/\mathrm{d}p_T \mathrm{d} \lambda_0^0}$ $\frac{1}{\mathrm{d}N/\mathrm{d}p_T \mathrm{d} \lambda_0^0}$ Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11020187

Ratio to CMS

2

1

0.5

groomed multiplicity (charged-only)

