

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

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ Rivet 3.1.10, ≥ 2.5 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2021 11920187

Ratio to CMS

2

1

0.5

0

50

100

groomed multiplicity (charged-only)

