

13000 GeV pp

Jets

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

- CMS
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -* Pythia 6.428 d6t
- -□ Pythia 6.428 default
- -▼ Pythia 6.428 dw
- -○ Pythia 6.428 p0

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$

1

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$

Ratio to CMS

0.5

1

2

Rivet 3.1.10, $\geq 1.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

1

2

CMS_2021_I1920187

0

50

100

groomed multiplicity (charged-only)