

13000 GeV pp

Jets

Groomed multiplicity λ_0^0 (CMS jet substructure)

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.183 default

 $\frac{1}{\mathbf{d}N}$ $\frac{1}{\mathbf{d}N} \frac{dN}{d\lambda_0^0}$ Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11020187

Ratio to CMS

2

2

1

1

0.5

0.5

0

50

100

150

groomed multiplicity

