

13000 GeV pp

Jets

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

- CMS
- - ■ Pythia 6.425 default
- - * Pythia 6.425 pro-q2o

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

1

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_I1920187

Ratio to CMS

0.5

1

2

0.5

1

2

groomed multiplicity (charged-only)

