

13000 GeV pp

Jets

Groomed multiplicity λ_0^0 (CMS jet substructure)

- CMS
- ▲— Pythia 8.308 default
- -▼- - Pythia 8.308 tune-1
- -●- - Pythia 8.308 tune-2c
- -○- - Pythia 8.308 tune-2m

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

1

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11920187

Ratio to CMS

2

2

1

1

0.5

0.5

0 50 100 150

groomed multiplicity

