

13000 GeV pp

Jets

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

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

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

1

 $\frac{dN}{d\lambda_0^0} \frac{1}{\lambda_0^0}$ Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2021_11920187

Ratio to CMS

2
1
0.52
1
0.5

groomed multiplicity (charged-only)

