

13000 GeV pp

Jets

Groomed multiplicity λ_0^0 (CMS jet substructure)

- CMS
- - ○ - - Pythia 6.428 345
- · - □ · - Pythia 6.428 346
- - △ - - Pythia 6.428 370
- · - ■ · - Pythia 6.428 default
- - ▲ - - Pythia 8.183 default

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

Ratio to CMS

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2021_11920187

groomed multiplicity

