

13000 GeV pp

Z+Jet

Groomed multiplicity  $\lambda_0^0$  (charged only) (CMS jet substructure)

- CMS
- ▲— Pythia 8.212 default
- -▼- - Pythia 8.212 tune-1
- -●- - Pythia 8.212 tune-2c
- -○- - Pythia 8.212 tune-2m

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

Ratio to CMS

Rivet 3.1.10,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed multiplicity (charged-only)

