

13000 GeV pp

Jets

Groomed width  $\lambda_1$  (CMS jet substructure)Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2021\_I1920187)

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Ratio to CMS

0.5

1

2

 $10^{-4}$  $10^{-3}$  $10^{-2}$  $10^{-1}$ 

1

10

 $10^2$  $10^3$ 

0.5

1

2

0

0.5

1