

13000 GeV pp

Jets

Groomed $(p_T^D)^2 \lambda_0^2$ (CMS jet substructure)

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $\frac{1}{N} \frac{dN}{d\lambda_0^2}$ $\frac{1}{N} \frac{dN}{d\lambda_0^2}$ Rivet 3.1.10, ≥ 2.2 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_I1920187

Ratio to CMS

2

1

0.5

0

0.5

1

groomed pTD2

