

13000 GeV pp

Jets

Groomed LHA $\lambda_{0.5}^1$ (CMS jet substructure)

- CMS
- ▲ Pythia 8.201 default
- -▲ Pythia 8.201 default-CD

 $\frac{1}{\text{mathrm d}N / \text{mathrm d}p_{\text{T}} \text{mathrm d}p_{\text{T}} \text{mathrm d}\lambda_{0.5}^1}$ $\frac{1}{\text{mathrm d}N / \text{mathrm d}p_{\text{T}} \text{mathrm d}p_{\text{T}} \text{mathrm d}\lambda_{0.5}^1}$

1

 $\frac{1}{\text{mathrm d}N / \text{mathrm d}p_{\text{T}} \text{mathrm d}p_{\text{T}} \text{mathrm d}\lambda_{0.5}^1}$

2

2

Ratio to CMS

1

0.5

0.5

1

1

groomed LHA

Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

1

1

CMS_2021_I1920187

