

13000 GeV pp

Jets

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

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

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

1

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

Ratio to CMS

0.5

2

1

0

0.5

1

groomed LHA

CMS_2021_J1920187

Rivet 3.1.10, $\geq 300\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5