

13000 GeV pp

Jets

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

- CMS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

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

1

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

2

Ratio to CMS

0.5

1

groomed LHA

Rivet 3.1.10, $\geq 2.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

1

groomed LHA

CMS_2021_11920187

