

13000 GeV pp

Jets

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

- CMS
- ▲ Pythia 8.212 default
- ▲ Pythia 8.212 default-noFsr
- ▲ Pythia 8.212 default-noRap

 $\frac{dN}{d\lambda}$ $\frac{dN}{d\lambda d p_T}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda d p_T}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda d p_T}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda d p_T}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda d p_T}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda d p_T}$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to CMS

groomed LHA

