

13000 GeV pp

Jets

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

- CMS
- △ Pythia 6.427 370
- ⋯△ Pythia 6.427 373
- -○ Pythia 6.427 374
- ⋯○ Pythia 6.427 375

 $\frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda_{0.5}^1}$ $\frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda_{0.5}^1}$ Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11920167

Ratio to CMS

2

1

0.5

groomed LHA

