

13000 GeV pp

Jets

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

- CMS
- ▲ Pythia 8.170 default
- ◻ Pythia 8.170 tune-4cx

 $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_{\text{T}} \text{mathrm d} \lambda}$ $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_{\text{T}} \text{mathrm d} \lambda}$ Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_I1920187

Ratio to CMS

groomed LHA

