

13000 GeV pp

Jets

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

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.183 default

 $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_{\text{T}} \text{mathrm{d} \lambda_{0.5}^1}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_{\text{T}} \text{mathrm{d} \lambda_{0.5}^1}}$ Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_1920187

Ratio to CMS

groomed LHA

