

13000 GeV pp

Jets

Width λ_1^1 (CMS jet substructure)

- CMS
- ▲ Pythia 8.183 default
- ◻ Pythia 8.183 tune-4cx

 $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_T \text{mathrm d} \lambda_1^1}$

1

 $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_T \text{mathrm d} \lambda_1^1}$

2

Ratio to CMS

0.5

1

width

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

1

width

CMS_2021_I1920187

