

13000 GeV pp

Jets

Thrust λ_2^1 (CMS jet substructure)

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

 $\frac{1}{\mathcal{L} \cdot \mathcal{N}} \frac{d\mathcal{N}}{d\lambda_2^1}$ $\frac{1}{\mathcal{L} \cdot \mathcal{N}} \frac{d\mathcal{N}}{d\lambda_2^1}$ $\frac{1}{\mathcal{L} \cdot \mathcal{N}} \frac{d\mathcal{N}}{d\lambda_2^1}$ $\frac{1}{\mathcal{L} \cdot \mathcal{N}} \frac{d\mathcal{N}}{d\lambda_2^1}$ $\frac{1}{\mathcal{L} \cdot \mathcal{N}} \frac{d\mathcal{N}}{d\lambda_2^1}$ Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_I1920187

Ratio to CMS

0.5

1

1.5

thrust

