

13000 GeV pp

Jets

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_{\text{T}} \text{mathrm d} \lambda_{0.5}^1}$ 

1

 $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_{\text{T}} \text{mathrm d} \lambda_{0.5}^1}$ 

0

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

Ratio to CMS

0.5

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

0.5

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

groomed LHA

Rivet 3.1.10,  $\geq 2.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2021\_11\_20187

