

13000 GeV pp

Jets

Groomed $(p_T^D)^2 \lambda_0^2$ (CMS jet substructure)

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

 $\frac{dN}{d\ln(p_T^D)^2 \lambda_0^2}$ $\frac{1}{N} \frac{dN}{d\ln(p_T^D)^2 \lambda_0^2}$ $\frac{1}{N} \frac{dN}{d\ln(p_T^D)^2 \lambda_0^2} / \frac{1}{N} \frac{dN}{d\ln(p_T^D)^2 \lambda_0^2} \text{ (CMS)}$

Ratio to CMS

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

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11920187

1

2

2

1

1

0.5

0.5

0

0.5

1

groomed pTD2

