

13000 GeV pp

Jets

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

- CMS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default

 $\frac{dN}{d\ln p_T d\ln \lambda_0^2}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\ln p_T d\ln \lambda_0^2}$ $\frac{1}{\mathcal{L}} \frac{dN}{d\ln p_T d\ln \lambda_0^2}$

Ratio to CMS

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11920187

2

2

2

1

1

0.5

0.5

0

1

groomed pTD2