

13000 GeV pp

Z+Jet

Width  $\lambda_1$  (CMS jet substructure) $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1} / \frac{1}{N} \frac{dN}{d\lambda_1}^{\text{CMS}}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$  $\frac{1}{N} \frac{dN}{d\lambda_1}$ 

- CMS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

CMS\_2021-11920187

Ratio to CMS

Rivet 3.1.10,  $\geq 2.6$  M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

width

