

13000 GeV pp

Jets

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

10

1

 10^{-1}

CMS

Pythia 8.315 default

Pythia 8.315 default-CD

Pythia 8.315 default-DL

Pythia 8.315 default-MBR

(CMS_2021_I1920187)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.5

1