

13000 GeV pp

Jets

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

10

1

 10^{-1} 10^{-2}

■ CMS

-○- Pythia 6.428 345

-□- Pythia 6.428 346

-△- Pythia 6.428 370

-△- Pythia 6.428 ambt1

-●- Pythia 6.428 z1

-●- Pythia 6.428 z2

(CMS_2021_I1920187)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.5

1