

13000 GeV pp

Z+Jet

Groomed width  $\lambda_1^1$  (charged only) (CMS jet substructure) $10^2$ 

10

1

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

CMS



Pythia 6.428 370



Pythia 6.428 391



Pythia 6.428 default



Pythia 6.428 pro-q2o

(CMS\_2021\_I1920187)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.5

1

