

13000 GeV pp

Z+Jet

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

10

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

CMS



Pythia 6.428 370



Pythia 6.428 atlas-csc



Pythia 6.428 d6t



Pythia 6.428 default



Pythia 6.428 dw



Pythia 6.428 p0

(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

0

0.5

1

2

1

0.5