

13000 GeV pp

Z+Jet

Groomed multiplicity λ_0^0 (charged only) (CMS jet substructure)

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

- CMS
- △— Pythia 6.428 370
- △···· Pythia 6.428 373
- - -○- - - Pythia 6.428 374
- · · · · ·○···· Pythia 6.428 375
- - -△- - - Pythia 6.428 381
- · · · · ·▽···· Pythia 6.428 382

(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

20

40