

13000 GeV pp

Z+Jet

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

- CMS
- Pythia 6.428 391
- +--- Pythia 6.428 393
- Pythia 6.428 394
- ▼--- Pythia 6.428 395

 $\frac{1}{N} \frac{dN}{d\lambda_{0.5}^1}$

1

 $\frac{1}{N} \frac{dN}{d\lambda_{0.5}^1}$

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

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21

22

23

24

25

26

27

28

29

30

Ratio to CMS

0.5

1

2

0

0.5

1

groomed LHA

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 2.6 M events

CMS_2021_10-20187