

Z+Jet

groomed p_{TD2}

Ratio to CMS

1000
800
600
400
200
0

2
1
0.5

0 0.5 1

Legend:

- CMS
- ▲ Pythia 8.308 default
- ★ Pythia 8.308 tune-4c
- ◻ Pythia 8.308 tune-4cx

Top Panel Title: Groomed $(p_T^D)^2 \lambda_0^2$ (CMS jet substructure)

Bottom Panel Title: Ratio to CMS

Source: CMS_2021_I1920187

mcplots.cern.ch [arXiv:1306.3436]

1

0.

2