

13000 GeV pp

Jets

Relative  $p_T z_g$  (ATLAS soft-drop observables) $(1/\sigma) d\sigma/dz_g$ 

25

20

15

10

5

0

■

ATLAS

—▲

Pythia 8.308 default

—▲

Pythia 8.308 default-noFsr

—▲

Pythia 8.308 default-noRap

ATLAS 2019\_I1772062

Ratio to ATLAS

2

1

0.5

0

0.2

0.4

 $z_g$ Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5