

13000 GeV pp

Jets

Relative $p_T z_g$ (ATLAS soft-drop observables)

- ATLAS
- - ▲ Pythia 8.170 default-CD
- - ▲ Pythia 8.170 default-MBR

 $(1/\sigma) d\sigma/dz_g$

25

20

15

10

5

0

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_11772062

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

20

40

 z_g 