

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

- ATLAS
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -* Pythia 6.428 d6t
- -□ Pythia 6.428 default
- -▽ Pythia 6.428 dw
- -○ Pythia 6.428 p0

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

10

8

6

4

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

ATLAS_2019_I1772062

Ratio to ATLAS

0.5

1

2

Rivet 3.1.10, $\geq 2.6M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

2

2

2

2

2

2

2

2

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

10

8

6

4

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

0.1

0.2

0.3

0.4

0.5