

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

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- ·◇- Pythia 8.315 tune-AU2lox
- ·□- Pythia 8.315 tune-AU2loxx
- ·★- Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 1.4M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_1172062)

Ratio to ATLAS

14
12
10
8
6
4
2
0
2
1
0.52
1
0.5

0

0.2

0.4

0

0.2

0.4

0

0.2

0.4