

13000 GeV pp

Jets

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

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- · ·◇ Pythia 8.308 tune-AU2lox
- · -□ Pythia 8.308 tune-AU2lox
- · -★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_1172062

Ratio to ATLAS

2

1

0.5

 z_g 