

13000 GeV pp

Jets

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

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - . - . ■ - - Pythia 6.428 default
- ▲— Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019\_I1772062

Ratio to ATLAS

2

1

0.5

 $z_g$ 