

13000 GeV pp

Jets

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

■ ATLAS  
— POWHEG BOX r3744 default

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

15

10

5

0

Rivet 3.1.10, 2.4M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1772062

Ratio to ATLAS

5

2

1

0.5

2

1

0.5

0.1 0.2 0.3 0.4 0.5

 $z_g$ 