

13000 GeV pp

Jets

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

 $(1/\sigma) d\sigma/dz_g$ 25  
20  
15  
10  
5  
0Rivet 3.1.10,  $\geq 2.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1772062

Ratio to ATLAS

5  
2  
1  
0.52  
1  
0.5

0

0.2

0.4

 $z_g$ 