

13000 GeV pp

Jets

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

- ATLAS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

 $(1/\sigma) d\sigma/dz_g$ 18  
16  
14  
12  
10  
8  
6  
4  
2  
0  
-2  
-4Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1772062

Ratio to ATLAS

2  
1  
0.52  
1  
0.50.1 0.2 0.3 0.4 0.5  
 $z_g$ 