

13000 GeV pp

Jets

Opening angle  $r_g$  (ATLAS soft-drop observables) $(1/\sigma) d\sigma/dr_g$ 

- ATLAS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noFsr
- ▲ Pythia 8.201 default-noRap

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1772062

Ratio to ATLAS

2

1

0.5

 $r_g$ 