

13000 GeV pp

Jets

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

12

10

8

6

4

2

0

Dijet selection, Track Based, Soft Drop $\beta = 0.0$, $z_{\text{cut}} = 0.1$

■ ATLAS

—△ Pythia 6.428 370

- - ■ Pythia 6.428 default

—▲ Pythia 8.315 default

(ATLAS_2019_I1772062)

Rivet 4.1.0, $\geq 2.1\text{M events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

30

40

 z_g 