

13000 GeV pp

Jets

Dijet selection, Track Based, Soft Drop $\beta = 1.0$, $z_{\text{cut}} = 0.1$ $(1/\sigma) d\sigma/dz_g$

12

10

8

6

4

2

0

■ ATLAS

—△ Pythia 6.428 370

- -□ Pythia 6.428 391

- -■ Pythia 6.428 default

—▲ Pythia 8.315 default

(ATLAS_2019_1172062)

Rivet 4.1.0, ≥ 2.1 M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 z_g

0

0.2

0.4