

13000 GeV pp

Jets

Dijet selection, Calorimeter Based, Soft Drop $\beta = 0.0$, $z_{\text{cut}} = 0.1$ $(1/\sigma) d\sigma/d r_g$

- ATLAS
- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- -△- Pythia 8.315 tune-CUETP8S1

(ATLAS_2019_I1772062)

Ratio to ATLAS

Rivet 4.1.0, ≥ 1.7M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 r_g

0

10

20

30

0.5

1

2

3

4

5