

13000 GeV pp

Jets

Dijet selection, Cluster Based, Soft Drop $\beta = 2.0$, $z_{\text{cut}} = 0.1$

- ATLAS
- ▲ Pythia 8.240 default
- -▲ Pythia 8.240 default-CD
- -▲ Pythia 8.240 default-DL
- ...▲ Pythia 8.240 default-MBR

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

10

1

 10^{-1}

(ATLAS_2019_I1772062)

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 r_g

-1

-0.5