

13000 GeV pp

Jets

Dijet selection, Forward jet, Cluster Based, Soft Drop $\beta = 1.0, z_{cut} = 0.1$

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

2.5

2.0

1.5

1.0

0.5

0

Rivet 4.1.0, $\geq 2.8M$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1772062)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 10 20 30

r_g

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