

13000 GeV pp

Jets

Dijet selection, Track Based, Soft Drop  $\beta = 1.0$ ,  $z_{\text{cut}} = 0.1$ 

- ATLAS
- \*--- Pythia 6.423 d6t
- Pythia 6.423 default
- ▼--- Pythia 6.423 dw
- Pythia 6.423 p0

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

2.5

2

1.5

1

0.5

0

Rivet 4.1.0,  $\geq 600k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2019\_I1772062)

Ratio to ATLAS

2

1

0.5

2

1

0.5

-1

-0.5

 $r_g$ 