

13000 GeV pp

Jets

 $(1/\sigma) d\sigma/dz_g$ Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 z_g Dijet selection, Calorimeter Based, Soft Drop $\beta = 0.0, z_{cut} = 0$

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - - □ Herwig 7.2.1 default
- - - △ Pythia 6.428 370
- - - ▲ Pythia 8.135 default
- ⋯ ◆ Sherpa 2.2.9 default

(ATLAS_2019_I1772062)

Ratio to ATLAS

0.5

1

2

0.1

0.2

0.3

0.4

0.5