

13000 GeV pp

Jets

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

- ATLAS
- +— Epos 1.99.crmc.1.2 lhcc
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- - ◆ - - Sherpa 2.2.9 default

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

10²

10

1

10⁻¹

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1772062)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 20 40 z_g

