

13000 GeV pp

4-lepton

 p_T of the first dilepton pair in the offshell region (Max = 216 GeV). $d\sigma/dp_T$ (fb/GeV)

1

 10^{-1} 10^{-2} 10^{-3}

- ATLAS
- ▲— Pythia 8.315 default
- - ▼ - - Pythia 8.315 tune-AU2
- - ◇ - - Pythia 8.315 tune-AU2lox
- - □ - - Pythia 8.315 tune-AU2loxx
- ★— Pythia 8.315 tune-AU2m

(ATLAS_2021_I1849535)

Rivet 4.1.0, ≥ 2.6M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_T(Z1)$ (GeV)