

13000 GeV pp

4-lepton

 $\Delta\phi(\text{lep pairs})$ (atlas2021-4l) 10^2

■ ATLAS

—▲ Pythia 8.230 default

—▲ Pythia 8.230 default-noFsr

—▲ Pythia 8.230 default-noRap

10

1

 10^{-1}

(ATLAS_2021_I1849535)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

1

2

3