

13000 GeV pp

4-lepton

 $\cos\theta_{\ell\ell}^*$ (II) (atlas2021-4l) $d\sigma/d\cos\theta_{\ell\ell}^*$ (fb) 10^2

10

1

 10^{-1}

■ ATLAS

Pythia 8.170 default

Pythia 8.170 default-CD

Pythia 8.170 default-MBR

ATLAS_2021_I1849535

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\cos\theta_{\ell\ell}^*$ 