

13000 GeV pp

4-lepton

 $\Delta\phi$ between the dilepton pairs in the Z mass region. $d\sigma/d\Delta\phi$ (fb/GeV) 10^2

10

1

 10^{-1}

ATLAS

Pythia 8.307 eetherm

(ATLAS_2021_I1849535)

Rivet 4.1.0, 1.2M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\Delta\phi$

0

1

2

3