

13000 GeV pp

4-lepton

 $\Delta\phi$ between the dilepton pairs in the H mass region.

■ ATLAS

— Pythia 8.308 rescatter

 $d\sigma/d\Delta\phi$ (fb/GeV)20
18
16
14
12
10
8
6
4
2
0

Rivet 4.1.0, 1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2021 I1849535)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\Delta\phi$

0

1

2

3