

13000 GeV pp

4-lepton

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

■ ATLAS

—▲ Pythia 8.230 default

—▲ Pythia 8.230 default-noCR

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

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2021 I1849535)

Ratio to ATLAS

2
1
0.52
1
0.5 $\Delta\phi$

0

1

2

3