

13000 GeV pp

4-lepton

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

10

1

 $10^{-1}$ 

- ATLAS
- ▲ Pythia 8.243 default
- ▲ Pythia 8.243 default-noFsr
- ▲ Pythia 8.243 default-noRap

(ATLAS\_2021\_I1849535)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\Delta y$ 

0

2

4