

13000 GeV pp

4-lepton

 $\Delta y(\text{lep pairs})$  (atlas2021-4l) $d\sigma/d\Delta y$  (fb/GeV) $10^2$   
 $10$   
 $1$   
 $10^{-1}$ 

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-1
- -● Pythia 8.308 tune-2c
- -○ Pythia 8.308 tune-2m

ATLAS\_2021\_I1849535

Rivet 3.1.10,  $\geq 1.9\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

 $2$   
 $1$   
 $0.5$  $2$   
 $1$   
 $0.5$ 

0

2

4

 $\Delta y$ 