

13000 GeV pp

4-lepton

 $m(4l)$  (atlas2021-4l) $d\sigma/dM$  (fb/GeV)

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

- ATLAS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- Pythia 8.308 tune-A14-NNPDF2.3LO
- - △ Pythia 8.308 tune-CUETP8S1

ATLAS\_2021\_I1849535

Rivet 3.1.10,  $\geq 2.7M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 500 1000 1500 2000

 $M(4l)$  (GeV)