

13000 GeV pp

4-lepton

 $m(4l)$ (atlas2021-4l) $d\sigma/dM$ (fb/GeV)Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- ▲ Pythia 8.212 default
- -▼ Pythia 8.212 tune-AU2
- -◇ Pythia 8.212 tune-AU2lox
- -□ Pythia 8.212 tune-AU2loxx
- -★ Pythia 8.212 tune-AU2m

ATLAS_2021_I1849535

Ratio to ATLAS

2

1

0.5

0 500 1000 1500 2000

 $M(4l)$ (GeV)