

13000 GeV pp

4-lepton

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

1

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

■

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, ≥ 1.9 M 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)