

13000 GeV pp

4-lepton

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

10

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, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 500 1000 1500 2000

 $M(2e2\mu)$ (GeV)