

13000 GeV pp

 $t\bar{t}$ y^{ll} (ATLAS dileptonic $t\bar{t}$)

Rivet 3.1.10, 2.1M events

mcplots.cern.ch [arXiv:1306.3436]

 $d^2\sigma / d|y^{\text{emu}}| dm^{\text{emu}} [\text{fb}]$ 10^2

10



ATLAS



Pythia 8.308 default

ATLAS_2019_I1759875

Ratio to ATLAS

2

1

0.5

2

1

0.5

Dilepton $|y^{\text{emu}}| \text{ times } m^{\text{emu}}$ 