

13000 GeV pp

 $t\bar{t}$  $y^{\parallel}$  (ATLAS dileptonic  $t\bar{t}$ ) $1/\sigma \frac{d^2\sigma}{dy^{\parallel} dm^{\text{emu}}}$  $10^{-3}$  $10^{-2}$ 

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 3.1.10,  $\geq 3.2\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1759875

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

1

2

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