

13000 GeV pp

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

- ATLAS
- Pythia 6.428 391
- ⊕ Pythia 6.428 393
- Pythia 6.428 394
- ▼ Pythia 6.428 395

 $1/\sigma \frac{d^2\sigma}{dy^{\parallel} dm^{\text{emu}}}$
 10^{-2} 10^{-3} Rivet 3.1.10, $\geq 3.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1759875

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

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