

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\ell\ell)$ (ATLAS dileptonic $t\bar{t}$)

- ATLAS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

 $1/\sigma \, d^2\sigma / d\Delta\phi \, dm^{\text{emu}}$ 10^{-2} 10^{-3} Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1759875

Ratio to ATLAS

2

1

0.5

2

1

0.5

Dilepton $\Delta\phi^{\text{emu}}$ times m^{emu}

0

1

2

3