

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

 $1/\sigma \, d^2\sigma / d\Delta\phi \, dm^{\text{emu}}$  $10^{-2}$  $10^{-3}$ Rivet 3.1.10,  $\geq 2.1\text{M}$  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  $m^{\text{emu}}$ 

0

1

2

3