

13000 GeV pp

$t\bar{t}$

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

■ ATLAS
▲ Pythia 8.308 default

$1/\sigma \frac{d^2\sigma}{d\Delta\phi d m^{\text{emu}}}$

10^{-1}

10^{-2}

10^{-3}

10^{-4}

Rivet 3.1.10, 2.4M 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