

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\ell\ell)$ (ATLAS dileptonic $t\bar{t}$) 10^{-2} 10^{-3} 10^{-4}

■ ATLAS

—△— Pythia 6.428 370

- - -△- - - Pythia 6.428 373

- - -○- - - Pythia 6.428 374

- - -○- - - Pythia 6.428 375

- - -△- - - Pythia 6.428 381

- - -▽- - - Pythia 6.428 382

(ATLAS_2019_I1759875)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

3