

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(t\bar{t}b\bar{a})$ (ATLAS semileptonic $t\bar{t}b\bar{a}$)

0.25

■ ATLAS

—△— Pythia 6.428 370

- -▲- - Pythia 6.428 371

- -▼- - Pythia 6.428 372

- ···· Pythia 6.428 376

0.2

0.15

0.1

0.05

0

2

1

0.5

0

1

2

3

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

(ATLAS_2019_I1750330)

