

13000 GeV pp

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

- Legend:
- ATLAS
 - Pythia 6.428 390
 - Pythia 6.428 391
 - ◇ Pythia 6.428 392
 - ★ Pythia 6.428 396
 - ☆ Pythia 6.428 397
 - ▼ Pythia 6.428 398

 10^3 10^2

10

1

(ATLAS_2019_I1750330)

2

1

0.5

0

1

2

3

Ratio to ATLAS

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

1

2

3

0

1

2

3