

13000 GeV pp

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

10

- ATLAS
- △— Pythia 6.428 370
- - * - - Pythia 6.428 378
- - * - - Pythia 6.428 379

8

6

4

2

0

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

0.5

1

2

0

1

2

3

(ATLAS 2019_11750330)

