

13000 GeV pp

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

- 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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

2

1

0.5

0.5

1

2

0

1

2

3