

13000 GeV pp

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

- ATLAS
- Pythia 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- ▲- Pythia 8.315 default

 10^2

10

1

(ATLAS_2019_I1750330)

2

1

0.5

0

1

2

3

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

0

1

2

3