

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

Ratio to ATLAS

0 1 2 3