

13000 GeV pp

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

■ ATLAS
◆ Sherpa 2.2.4 default

1

 10^{-1} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

1

2

3

