

13000 GeV pp

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

- ATLAS
- ◆ Sherpa 2.2.5 default

 $1 / \sigma \frac{d^2\sigma}{dN^{\text{jets}}} \frac{d|\Delta\phi(t, \bar{t})|}{d|\Delta\phi(t, \bar{t})|} [1/\text{rad}]$ 10^{-1} 10^{-2}

Rivet 3.1.10, 100k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

2

2

Ratio to ATLAS

1

1

0.5

0.5

0

1

2

3

 $|\Delta\phi(t, \bar{t})|$ [rad], $N^{\text{jets}} \geq 7$ 