

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.170 default

 $1/\sigma d^2\sigma / dN^{\text{jets}} d|\Delta\phi(t,\bar{t})| \text{ [1/rad]}$ Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

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