

13000 GeV pp

 $t\bar{t}$

Cross section(atlas2022-boosthad.parton)

- ATLAS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.315 default
- ...◆... Sherpa 2.2.4 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

9000
8000
7000
6000
5000
4000
3000
2000
1000
0

0

0.5

1