

13000 GeV pp

 $t\bar{t}$ p_T^{top} (atlas2022-boosthad.parton)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default

 10 1 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

 2 1 0.5 2 1 0.5 0.5 1 1.5 2

p_T^{top} (GeV)	ATLAS Cross-section (fb)	Herwig 7.2.1 Ratio	Pythia 8.315 Ratio
0.5	~5.0	~4.5	~4.0
0.6	~3.5	~3.0	~2.5
0.7	~2.0	~2.0	~1.5
1.3	~0.1	~0.08	~0.1