

13000 GeV pp

 $t\bar{t}$ $p_T^{t\bar{t}} \text{ (ATLAS semileptonic } t\bar{t})$

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.308 default

 $1/\sigma d^2\sigma / d p_T^{t\bar{t}} d m^{t\bar{t}} [1/\text{GeV}^2]$ 10^{-5} 10^{-6} 10^{-7}

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 2.1\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_T^{t\bar{t}} [\text{GeV}], m^{t\bar{t}} \text{ in } [700,1000] [\text{GeV}]$ 