

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $p_{T}^{t\bar{t}} \in [0.2, 0.35] \text{ # TeV}$

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▽ Pythia 6.428 dw
- Pythia 6.428 p0

 $1 / \sigma \text{ # } \# \text{cdot} \text{ # } d^2\sigma / dp_{T}^{t\bar{t}} dm^{t\bar{t}} \text{ # } [\text{TeV}]^2$ 10
 1
 10^{-1}

(ATLAS_2022_I2077575)

Ratio to ATLAS

 2
 1
 0.5 $m^{t\bar{t}} \text{ # } [\text{TeV}]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

 2 1 0.5 4 3 2 1