Parton-level $t\bar{t}$ invariant mass, $p_{\{T\}}^{t\bar{t}} \in [0.35,1]$ # {TeV}

- ■ ATLAS
- ■ Pythia 6.426 default

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

$m^{t\bar{t}}$ # [{TeV}]