

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ $H_{\{T\}}$ $1/\sigma \# \# \text{cdot} \# \text{d} H_{\{T\}}^{t\bar{t}} \# \{[\text{TeV}]^{-1}\}$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

- ATLAS
- Pythia 6.426 350
- Pythia 6.426 p0
- Pythia 6.426 p2010

(ATLAS_2022_I2077575)

Ratio to ATLAS

2
1
0.52
1
0.5 $H_{\{T\}}^{t\bar{t}} \# \{[\text{TeV}]\}$ 