

13000 GeV pp

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

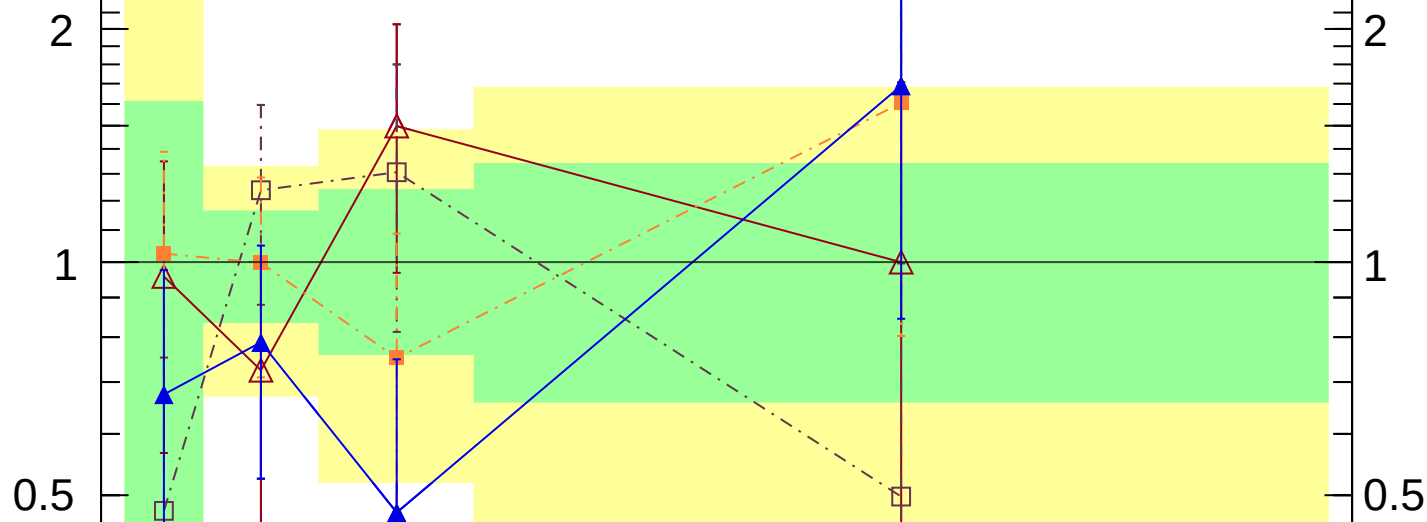
- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.230 default

 $1/\sigma \# \# \text{cdot} \# d^2\sigma / dp_{\{T\}}^{t\bar{t}} dm_{t\bar{t}} \# \{\text{TeV}\}^2$ 10^{-1}
 10^{-2}
 10^{-3} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

 $m_{t\bar{t}} \# \{\text{TeV}\}$