

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
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default

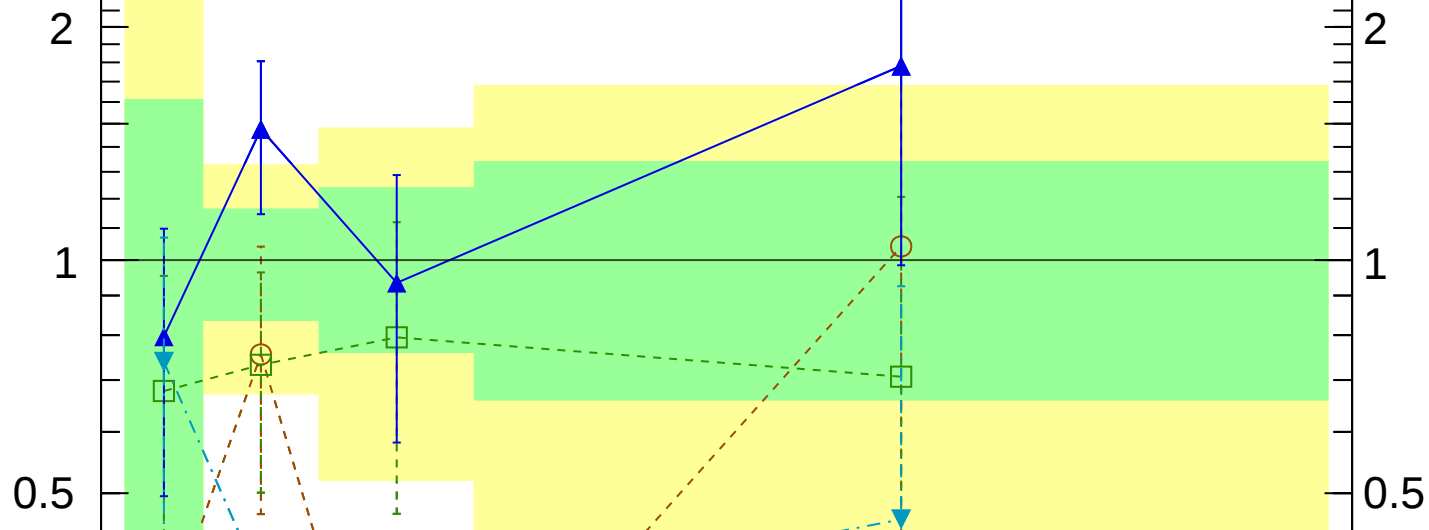
 $1/\sigma \# \# \text{cdot} \# d^2\sigma / dp_{\{T\}}^{t\bar{t}} dm_{t\bar{t}} \# \{\text{TeV}\}^2$ 1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

(ATLAS\_2022\_I2077575)

Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

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