

13000 GeV pp

$t\bar{t}$

$m(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ )

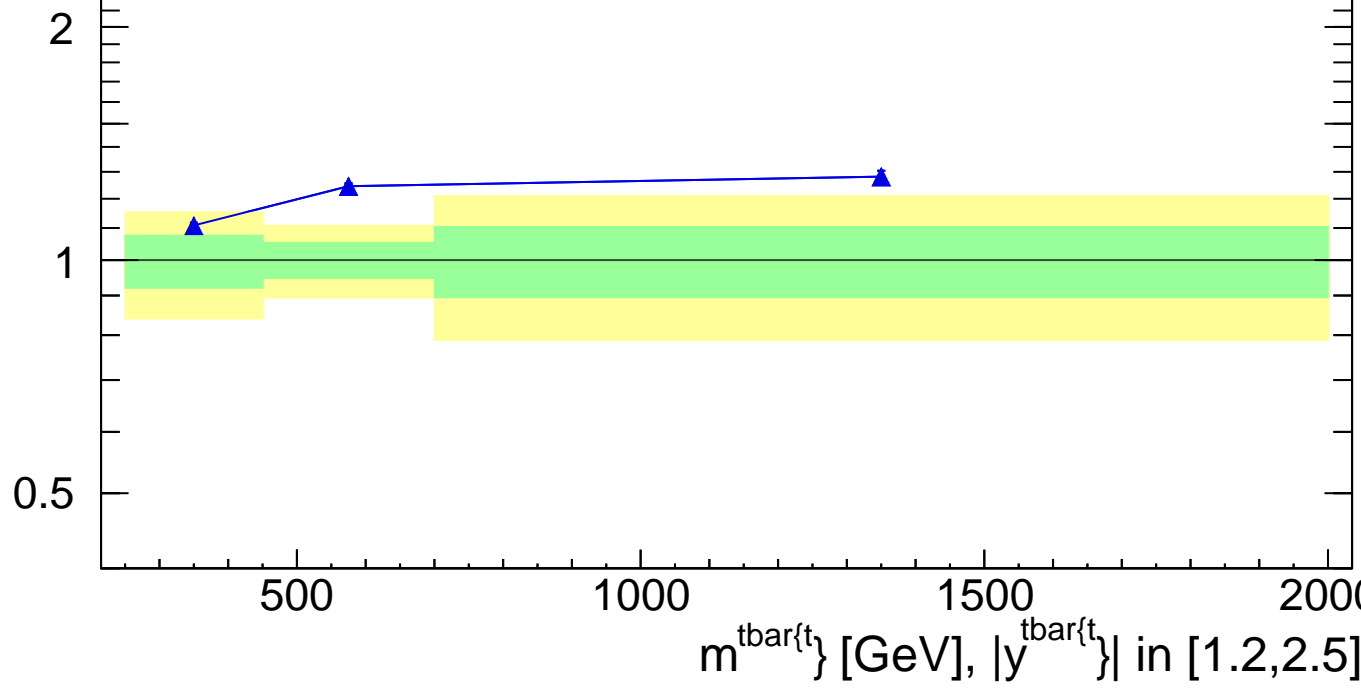
- ATLAS
- ▲ Pythia 8.308 default

$1 / \sigma \frac{d^2\sigma}{dm^{t\bar{t}} dy^{t\bar{t}}} [1/\text{GeV}]$

Rivet 3.1.10, 2.8M events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

Ratio to ATLAS



$m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \text{ in } [1.2, 2.5]$