

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - - Pythia 8.315 tune-CUETP8S1

 $d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}|$ [pb/GeV] 10^{-1}
 10^{-2}
 10^{-3} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5 $m^{t\bar{t}}$ [[GeV]], $|y^{t\bar{t}}| \in [0.8, 1.2]$

500

1000

1500

2000