

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS
— Pythia 8.315 qcdcr2

 $1/\sigma d^2\sigma / dm^{t\bar{t}} d|y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-2}
 10^{-3}
 10^{-4} Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5 $m^{t\bar{t}} [\{\text{GeV}\}], |y^{t\bar{t}}| \in [0.4, 0.8]$ 