

13000 GeV pp

 $t\bar{t}$ Resolved  $l+jets$ 

- ATLAS
- Pythia 6.428 350
- .-●-.- Pythia 6.428 357
- ...●... Pythia 6.428 358
- .-■-.- Pythia 6.428 359

 $d^2\sigma / d m_{t\bar{t}} d |y_{t\bar{t}}|$  [pb/GeV] $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

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