

13000 GeV pp

 $t\bar{t}$  $\eta^l$  (ATLAS dileptonic  $t\bar{t}$ )

- ATLAS
- ▲ Pythia 8.308 default
- ✱ Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

 $1/\sigma \, d^2\sigma / d\eta^l dm^{\text{emu}}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ Rivet 3.1.10,  $\geq 2.1\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1759875

Ratio to ATLAS

2

1

0.5

2

1

0.5

Lepton  $|\eta|$  times  $m^{\text{emu}}$ 

0

1

2