

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.212 default
- ...◆... Sherpa 2.2.0 default

 $1/\sigma \, d^2\sigma / d\eta^l dm^{\text{emu}}$ 10^{-2} 10^{-3} Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1759875

Ratio to ATLAS

2

2

1

1

0.5

0.5

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

0

1

2