

13000 GeV pp

 $t\bar{t}$  $p_T^{t\bar{t}} \text{ (atlas2022-lh)}$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2022\_I2037744)

- ATLAS
- △— Pythia 6.428 370
- - \* - - Pythia 6.428 378
- - \* - - Pythia 6.428 379

Ratio to ATLAS

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Y-axis (top):  $10^{-1}$ ,  $10^{-2}$ ,  $10^{-3}$ ,  $10^{-4}$ ,  $10^{-5}$

Y-axis (bottom): 2, 1, 0.5

0

500

1000

2

1

0.5

X-axis:  $p_T^{t\bar{t}}$  (GeV)