

13000 GeV pp

 $t\bar{t}$ Extra jets  $p_T$  ratio (ATLAS  $t\bar{t}$ bar)

10

1

 $10^{-1}$  $10^{-2}$ 

Ratio to ATLAS

2

1

0.5

0

0.5

1

ATLAS

Pythia 8.315 default

Pythia 8.315 vincia-default

(ATLAS\_2020\_I1801434)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5