

13000 GeV pp

 $t\bar{t}$ Extra jet  $\rightarrow$  Top  $p_T$  ratio (ATLAS  $t\bar{t}$ bar)

10

1

 $10^{-1}$ 

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.315 default

(ATLAS\_2020\_I1801434)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 0.5 1 1.5 2