

13000 GeV pp

 $t\bar{t}$ $\frac{1}{\sigma} \frac{d\sigma^{\text{fid}}}{dZ^{\text{tt}}}$ Top quarks p_T ratio (ATLAS $t\bar{t}$)

10

1

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- -☆ Pythia 6.428 pro-q2o

Rivet 3.1.10, $\geq 3.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2020_I1801434

2

Ratio to ATLAS

0.5

2

1

0.5

0.2

0.4

0.6

0.8

1

 Z^{tt} 