

13000 GeV pp

 $t\bar{t}$ χ ($t\bar{t}$ bar) (ATLAS semileptonic $t\bar{t}$ bar) $1 / \sigma d^2\sigma / dN^{\text{jets}} d\chi^{\text{t}\bar{t}\text{bar}}_{\text{}} \}$

1

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

- ATLAS
- *- Pythia 6.425 355
- ...□ Pythia 6.425 356
- △- Pythia 6.425 ambt1
- Pythia 6.425 z2

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\chi^{\text{t}\bar{t}\text{bar}}_{\text{}} N^{\text{jets}} = 4$