

13000 GeV pp

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

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

10
1
 10^{-1} Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.52
1
0.5 $\chi^{\text{t}\bar{\text{t}}}$ $N^{\text{jets}} \geq 7$ 