

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}\chi$ $1/\sigma \# \text{cdot} \# d\sigma / d\chi^{t\bar{t}}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS
Herwig++ 2.7.1 default
Herwig 7.0.0 default
Pythia 8.315 default
Pythia 8.315 vincia-default
Sherpa 2.2.4 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $\chi^{t\bar{t}}$

0

20

40