

7000 GeV pp

Jets

Dijet χ for $800 \text{ GeV} < m_{12} < 1200 \text{ GeV}$. anti-KT, $R=0.4$.

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.201 default

 $d^2\sigma/d\chi dm_{12}$ [pb/GeV]Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

 χ

0

5

10

15

20

2

1

0.5

0

0.2

0.4

0.6

0.8

1

1.2

(ATLAS_2010_I871366)