

7000 GeV pp

Jets

Dijet χ for $800 \text{ GeV} < m_{12} < 1200 \text{ GeV}$. anti-KT, $R=0.6$.

- ATLAS
- - ■ Pythia 6.426 default
- - ☆ Pythia 6.426 pro-q2o

 $d^2\sigma/d\chi dm_{12}$ [pb/GeV]Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

 χ

0

5

10

15

20

0

0.5

1

1.5

2

2.5

(ATLAS 2010_1871366)

