

7000 GeV pp

Jets

Dijet χ for $340 \text{ GeV} < m_{12} < 520 \text{ GeV}$. anti-KT, R=0.4.

- ATLAS
- △— Pythia 6.427 370
- -▲- - Pythia 6.427 371
- ·▼·- Pythia 6.427 372
- ·●·- Pythia 6.427 376

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I871366)

Ratio to ATLAS

2

1

0.5

 χ $d^2\sigma/d\chi dm_{12}$ [pb/GeV]50
40
30
20
10
0

2

1

0.5

0

10

20

30