

7000 GeV pp

Jets

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

- ATLAS
- Pythia 6.426 350
- .-●-.- Pythia 6.426 357
- ...●... Pythia 6.426 358
- .-■-.- Pythia 6.426 359

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I871366)

 $d^2\sigma/d\chi dm_{12}$ [pb/GeV]

Ratio to ATLAS

2

1

0.5

 χ

0

10

20

30