

7000 GeV pp

Jets

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

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

Rivet 4.1.0, $\geq 2.2\text{M}$ 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