

7000 GeV pp

Jets

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 1.2.2p default

 $d^2\sigma/d\chi dm_{12} [\text{pb/GeV}]$ 50
40
30
20
10
0Rivet 4.1.0, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I871366)

Ratio to ATLAS

2
1
0.52
1
0.50 10 20 30 χ 