

7000 GeV pp

Jets

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

- ATLAS
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- - ■ Pythia 6.428 default
- ▲ Pythia 8.244 default

 $d^2\sigma/d\chi dm_{12}$ [pb/GeV]50
40
30
20
10Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I871366)

Ratio to ATLAS

2
1
0.52
1
0.50 10 20 30 χ 