

7000 GeV pp

Jets

Dijet  $\chi$  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 8.186 default

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

50

40

30

20

10

(ATLAS\_2010\_I871366)

Rivet 4.1.0,  $\geq 500k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

30

 $\chi$ 