

7000 GeV pp

Jets

Di-jet  $\chi$  $d^2\sigma/d\chi dm_{12}$  [pb/GeV]Rivet 3.1.0,  $\geq 4.7M$  events

mcplots.cern.ch (arXiv:1306.3436)

9  
8  
7  
6  
5  
4  
3  
2  
1  
0

■ ATLAS

○ Herwig++ (Def)

□ Herwig 7 (Def) SCS\_2010\_S8817804 (VALIDATED REENRANT)

■ Pythia 6 (Def)

▲ Pythia 8 (Def) Herwig 7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.2.8

◆ Sherpa (Def)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

1

10

chi

