

7000 GeV pp

Jets

Splitting scale  $\sqrt{d_{12}}$  (anti- $k_T$ (1.0),  $300 < p_T < 400$ ,  $|y| < 2.0$ )

ATLAS

Herwig 7.2.1 default

Pythia 8.308 default

Sherpa 1.4.1 default

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

 $1/\sigma d\sigma/d\sqrt{d_{12}} \text{ [GeV}^{-1}]$ 0.09  
0.08  
0.07  
0.06  
0.05  
0.04  
0.03  
0.02  
0.01

2

0.5

ATLAS 1094564

Ratio to ATLAS

0 50 100

 $\sqrt{d_{12}} \text{ [GeV]}$ 