7000 GeV pp

Jets

Dijet mass spectrum for $0.8<|y_{max}|<1.2$. anti-KT, R=0.6.

$d^2\sigma/dm\ d|y_{max}|$ [pb/GeV]

10^5
10^4
10^3
10^2
10
1
10^{-1}

ATLAS
Herwig 7.2.1 default
Pythia 8.135 default
Sherpa 2.2.9 default

(ATLAS_2010_I871366)

Rivet 4.1.0, ≥ 1.2M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.5

200
400
600
800

m_{12} [GeV]