

Diffractive  $\xi$  ( $|\eta^{jj_2}| < 4.4, p_T^{jj_2} > 20$  GeV)

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 2.2.6 default

 $10^2$ 

10

1

2

1

0.5

Rivet 3.1.0,  $\geq 6.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

CMS\_2012\_I1184941

 $10^{-3}$  $10^{-2}$  $\xi$ 

Ratio to CMS

 $d\sigma_{jj}/dxi$  [ $\mu\text{b}$ ]