

Diffractive  $\xi$  ( $|\eta_{T2}^{jj}| < 4.4, p_T^{jj_2} > 20$  GeV)

- CMS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 1.4.2 default

 $10^2$ 

10

2

1

0.5

Rivet 3.1.0,  $\geq 6.9M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_I1184941

Ratio to CMS

2

1

0.5

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