

7000 GeV pp

Soft QCD

Diffractive ξ ($|\eta^{jj_2}| < 4.4, p_T^{jj_2} > 20$ GeV) $d\sigma_{jj}/dxi$ [μb] 10^2

■ CMS

- - □ Herwig 7.2.0 default

10

Rivet 3.1.0, 5.4M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

2

2

Ratio to CMS

1

1

0.5

0.5

 10^{-3} 10^{-2} ξ 