

7000 GeV pp

Soft QCD

Diffractive ξ ($|\eta_{12}^{jj}| < 4.4$, $p_T^{jj} > 20$ GeV)

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

Ratio to CMS

2

1

0.5

 ξ $d\sigma_{jj}/dx_i$ [μb] 10^2

10

2

0.5

 10^{-3} 10^{-2}