

7000 GeV pp

Soft QCD

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

- CMS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ...◇... Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 2.3 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

Ratio to CMS

2

1

0.5

 10^{-2}
 ξ 10^{-3} $d\sigma_{jj}/dx_i$ [μb] 10^2

10

2

1

0.5