

7000 GeV pp

Soft QCD

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

- CMS
- ▲ Pythia 8.209 default
- ▲ Pythia 8.209 default-noCR

 $d\sigma_{jj}/dx_i$ [μb] 10^2

10

2

1

0.5

Ratio to CMS

 10^{-3} 10^{-2} ξ

CMS_2012_I1184941

Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5