

7000 GeV pp

Soft QCD

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

- CMS
- - ■ Pythia 6.425 default
- - ☆ Pythia 6.425 pro-q2o

Rivet 3.1.10, $\geq 300k$ 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

1

2

1

0.5

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