

7000 GeV pp

Soft QCD

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

$d\sigma_{jj}/dx_i$ [μb]

■ CMS

—▲— Pythia 8.212 default

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

Ratio to CMS

0.5

1

2

0.5

1

2

 10^{-3} 10^{-2} ξ 