

7000 GeV pp

Soft QCD

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

■ CMS
—▲— Pythia 8.210 default

Ratio to CMS

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_I1184941)

160
140
120
100
80
60
40
20
10
2
1
0.5

2
1
0.5

0

0.005

0.01

