

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 8.308 default
- ...◆ Sherpa 1.4.2 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

Ratio to CMS

2

1

0.5

 ξ 