

7000 GeV pp

Soft QCD

Diffractive ξ ($|\eta_{j_2}| < 4.4$, $p_{T,j_2} > 20$ GeV) $d\sigma_{jj}/dx_i$ [μb]

- CMS
- Herwig 7.2.0 default
- ...◆... Sherpa 1.4.3 default

Rivet 3.1.0, $\geq 5.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1184941

Ratio to CMS

2
1
0.52
1
0.5 10^{-3} 10^{-2}
 ξ 