

7000 GeV pp

Soft QCD

 $\sqrt{s}=7$  TeV,  $pp \rightarrow \{\text{jet}\}_1 \{\text{jet}\}_2, |\eta_{-1,j-2}| < 4.4, p_T^{j-1,j-2} > 20$  GeV

- CMS
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.3.0 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2012\_I1184941)

 $d\sigma_{jj}/d\xi$  [ $\mu\text{b}$ ]

Ratio to CMS

 $\xi$ 

0

0.005

0.01

25

20

15

10

5

0

2

1

0.5