

7000 GeV pp

Soft QCD

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

- CMS
- ▲— Pythia 8.235 default
- - * - - Pythia 8.235 tune-4c
- - □ - - Pythia 8.235 tune-4cx

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_I1184941)

Ratio to CMS

2

1

0.5

 ξ 