

7000 GeV pp

Soft QCD

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

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.186 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2012_I1184941)

Ratio to CMS

2

1

0.5

 ξ 