

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 6.428 370
- - -▲- - - Pythia 6.428 371
- · - · -▼- · - Pythia 6.428 372
- · - · -●- · - Pythia 6.428 376

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_I1184941)

 $d\sigma_{jj}/d\xi$ [μb]

Ratio to CMS

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