

7000 GeV pp

Jets

Jet  $p_T$  ( $35 < p_T < 150$ ,  $3.2 < \eta_{\text{fwd}}^{\text{jet}} < 4.7$ ,  $|\eta_{\text{central}}^{\text{jet}}| < 2.8$ )

- CMS
- ▲ Pythia 8.235 default
- ▲ Pythia 8.235 default-noFsr
- ▲ Pythia 8.235 default-noRap

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2012\_I1087342)

Ratio to CMS

0.5

1

2

10

 $10^2$  $10^3$  $10^4$  $10^5$  $10^6$ 

0.5

1

2