

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 8.201 default
- ▲ Pythia 8.201 default-noFsr
- ▲ Pythia 8.201 default-noRap

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

10

2

1

0.5

Ratio to CMS

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(CMS\_2012\_I1087342)

50

100

150