

7000 GeV pp

Underlying Event

Transverse $\sum(p_T), p_T^{\text{jet } 1} > \{20 \text{ GeV}\}, \sqrt{s} = \{7000 \text{ GeV}\}$

- CMS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.244 default

1

 10^{-1} 10^{-2} 10^{-3}

(CMS_2011_I916908)

Ratio to CMS

2

1

0.5

0

10

20

30

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5