

7000 GeV pp

Soft QCD

Charged jet rate, $p_T^{\text{ch.jet}} > 30 \text{ GeV}$, $|\eta^{\text{ch.jet}}| < 1.9$

Charged jet rate

- CMS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

 10^{-5}
 10^{-4}
 10^{-3}
 10^{-2}
 10^{-1}
 1 Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2013_I1261026)

Ratio to CMS

 0.5
 1
 2 N_{ch}

0

50

100

2

1

2

0.5

2

1

0.5