

7000 GeV pp

Soft QCD

Mean  $p_T$ , charged particle jets,  $p_T^{\text{ch.jet}} > 5 \text{ GeV}$ ,  $|\eta^{\text{ch.jet}}| < 1.9$ 

■ CMS  
—▲ Pythia 8.308 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

Ratio to CMS

2

1

0.5

 $N_{\text{ch}}$ # $\langle p_T \rangle$  [GeV]

14

12

10

8

6

4

2

1

0.5

0

50

100