

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
- + Epos 1.99.crmc.1.6.0 lhc
- ▼ Herwig 7.2.1 softTune
- ▲ Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

# $\langle p_T \rangle$  [GeV]16  
14  
12  
10  
8  
6  
4  
2  
016  
14  
12  
10  
8  
6  
4  
2  
0

Ratio to CMS

1  
0.51  
0.5

0

50

100

 $N_{\text{ch}}$ 