

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 6.428 359
- △- Pythia 6.428 370
- ▲- Pythia 6.428 a
- ▼- Pythia 6.428 dw
- Pythia 6.428 p0
- ☆- Pythia 6.428 pro-q2o

Rivet 4.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

2

1

0.5

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

Ratio to CMS

