

7000 GeV pp

Soft QCD

Mean  $p_T$ , leading in-jet charged particle

- CMS
- △ Pythia 6.428 370
- - \* Pythia 6.428 378
- - \* Pythia 6.428 379

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1261026)

Ratio to CMS

2

1

0.5

 $N_{ch}$  $\# \langle p_T \# \rangle$  [GeV]7  
6  
5  
4  
3  
2  
2  
1  
0.5

0

50

100