

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($p_T^{ch} > 0.25$, $|\eta^{ch}| < 2.4$, all charged particles)

- CMS
- ▲ Pythia 8.212 default
- - * Pythia 8.212 tune-4c
- ... □ Pythia 8.212 tune-4cx

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch} 