

7000 GeV pp

Soft QCD

 $\langle p_T \rangle$ [GeV]Average p_T vs N_{ch} ($p_T^{ch} > 0.25$, $|\eta^{ch}| < 2.4$, UE charged particles)

■ CMS
—▲ Pythia 8.170 default

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch}

0

50

100