

7000 GeV pp

Soft QCD

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

- CMS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch} 