

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($p_T^{ch} > 0.25$, $p_T^j > 0.25$, $|\eta| < 1.9$, leading in-jet charged particles)

- CMS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-AU2
- ◇ Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2loxx
- ★ Pythia 8.308 tune-AU2m

6

5

4

3

2

CMS_2013_l1261026

Ratio to CMS

2

1

0.5

0

50

100

 N_{ch}

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 2.2 M events