

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
2
1
0.5

Rivet 3.1.10, $\geq 2.6M$ events
mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

 N_{ch} $\langle p_T \rangle$ [GeV]

Ratio to CMS