

2360 GeV pp

NSD

Mean  $p_T$  vs charged hadron multiplicity,  $|\eta| < 2.4$ ,  $\sqrt{s} = 2.36$  [TeV]

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0,  $\geq 2.1$  M events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2011\_I879315)

Ratio to CMS

2

1

0.5

n

