

2360 GeV pp

NSD

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

- CMS
- Pythia 6.425 350
- Pythia 6.425 p0
- - □ - - Pythia 6.425 p2010

Rivet 4.1.0,  $\geq 500k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2011\_I879315)

Ratio to CMS

2

1

0.5

n

# $\langle p_T \rangle$  [GeV]

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0

50

100