

7000 GeV pp

NSD

Mean p_T vs charged hadron multiplicity, $|\eta| < 2.4$, $\sqrt{s} = 7$ {TeV}

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

Rivet 4.1.0, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

(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

2

1

0.5

0

50

100

150