

7000 GeV pp

NSD

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

- CMS
- ▲ Pythia 8.243 default
- Pythia 8.243 tune-2c
- Pythia 8.243 tune-2m

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2011_I879315)

Ratio to CMS

2

1

0.5

n

$\langle p_T \rangle$ [GeV]1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

0

50

100

150