

7000 GeV pp

NSD

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

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - . . ■ - - Pythia 6.428 default
- ▲— Pythia 8.165 default

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]2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

0

50

100

150