

7000 GeV pp

Soft QCD

Mean p_T vs mass in INEL pp collisions at $\sqrt{s} = 7$ TeV in $|y| < 0.5$

- ALICE
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE_2014_I1300380)

Ratio to ALICE

2

1

0.5

 m (GeV²)# $\langle p_T \rangle$ (GeV)3
2.5
2
1.5
1
0.5
0

3

2

1

0.5

0

2

4

6

8