

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:1306.3436]

(ALICE\_2014\_I1300380)

Ratio to ALICE

2

1

0.5

 $m$  (GeV<sup>2</sup>)# $\langle p_T \rangle$  (GeV)3  
2.5  
2  
1.5  
1  
0.5  
0

3

2

1

0.5

0

2

4

6

8