

7000 GeV pp

Soft QCD

Average Transverse Momentum vs Particle Mass

 $\langle p_T \rangle$  (GeV)

- ALICE
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -\* Pythia 6.428 d6t
- -□ Pythia 6.428 default
- -▼ Pythia 6.428 dw
- -○ Pythia 6.428 p0

3

2.5

2

1.5

1

0.5

0

alice2015-y0.5

Rivet 3.1.10, ≥ 1.5M events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2014\_I1300380

Ratio to ALICE

2

1

0.5

2

1

0.5

 $m$  (GeV<sup>2</sup>)