

900 GeV pp

Soft QCD

Average p_T vs mass, $|\eta| < 0.5$, $\sqrt{s} = 0.9$ TeV (INEL)

- ALICE
- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ - - Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2011_I885104)

Ratio to ALICE

2

1

0.5

mass

$\langle p_T \rangle$ [GeV]

1.4

1.2

1

0.8

0.6

0.4

0.2

2

1

0.5

1

2

3