

7000 GeV pp

Soft QCD

Mean p_T of prompt D^0 ($|y| < 0.5$).# $\langle p_T \rangle$ [GeV]

- ALICE
- △— Pythia 6.428 370
- - * - - Pythia 6.428 378
- - * - - Pythia 6.428 379

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE_2017_I1511870)

Ratio to ALICE

2

1

0.5

E = 7 TeV

4

3.5

3

2.5

2

1.5

2

1

0.5

6999.5

7000

7000.5