

7000 GeV pp

Soft QCD

Mean p_T of prompt D^0 ($|y| < 0.5$).

- ALICE
- - - ■ Pythia 6.424 default
- - - ▲ Pythia 8.230 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

Ratio to ALICE

2

1

0.5

E = 7 TeV

$\langle p_T \rangle$ [GeV]5
4.5
4
3.5
3
2.5
2
1.5
1
2
1
0.5

6999.5

7000

7000.5