

7000 GeV pp

Soft QCD

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

- ALICE
- - ■ Pythia 6.426 359
- - ▲ Pythia 6.426 a
- - ▼ Pythia 6.426 dw
- - ○ Pythia 6.426 p0
- - ☆ Pythia 6.426 pro-q2o

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

$\langle p_T \rangle$ [GeV]6
5
4
3
2
1
2
1
0.5

6999.5

7000

7000.5