

7000 GeV pp

Soft QCD

mean  $p_T(D^0)$  (ALICE D-meson production)

- ALICE
- Pythia 6.424 p0
- Pythia 6.424 p2010

Rivet 3.1.10,  $\geq 400k$  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

3

2

1

2

1

0.5

6999.5

7000

7000.5