

7000 GeV pp

Soft QCD

Prompt $D^0 + \text{c.c.}$ $d\sigma / dp_T$ for rapidity interval $2.0 < y < 2.5$

- LHCb
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- -★ Pythia 6.428 pro-q2o

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

2

1

0.5

 p_T [GeV]