

7000 GeV pp

Soft QCD

Prompt D^0 + c.c. $d\sigma / dp_T$ for rapidity interval $4.0 < y < 4.5$

- LHCb
- Pythia 6.427 346
- △ Pythia 6.427 347
- ◇ Pythia 6.427 348
- + Pythia 6.427 349
- Pythia 6.427 370

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2013_I1218996)

Ratio to LHCb

2

1

0.5

 p_T [GeV]