

7000 GeV pp

Soft QCD

Prompt $D^{\#ast}_{(2010)^+} + \text{c.c.}$ $d\sigma / dp_T$ for rapidity interval $2 < y < 2.5$

- LHCb
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- ·▼ Pythia 6.428 372
- ·● Pythia 6.428 376

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]