

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

1

2

0.5

1

2

 p_T [GeV]

4

6

8