

7000 GeV pp

Soft QCD

Prompt $D^{*ast}(2010)^+ + c.c.$ $d\sigma / dp_T$ for rapidity interval $3 < y < 3.5$

- LHCb
- △ Pythia 6.427 370
- - * Pythia 6.427 379
- - △ Pythia 6.427 ambt1
- - ● Pythia 6.427 z2

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

2

2

0.5

 p_T [GeV]

0

2

4

6

 $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV})$] 10^3 10^2

10

1