

7000 GeV pp

Soft QCD

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

- LHCB
- △ Pythia 6.428 370
- - * Pythia 6.428 378
- - * Pythia 6.428 379

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCB

2

1

0.5

 p_T [GeV]