

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

 $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV})$] 10^3
 10^2
 10
 1 Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_l1218996)

Ratio to LHCB

 2
 1
 0.5 2
 1
 0.5 p_T [GeV]

0

2

4

6