

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 6.427 373
- Pythia 6.427 374
- ⋯○ Pythia 6.427 375

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]