

7000 GeV pp

Soft QCD

Prompt $D^{\#ast}(2010)^+ + c.c.$ $d\sigma / dp_T$ for rapidity interval $4 < y < 4.5$

- LHCb
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.244 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

2
1
0.5 p_T [GeV]