

7000 GeV pp

Soft QCD

Prompt D^+ + c.c. $d\sigma / dp_T$ for rapidity interval $2.0 < y < 2.5$

■ LHCb

○ Pythia 6.428 390

□ Pythia 6.428 391

◇ Pythia 6.428 392

★ Pythia 6.428 396

★ Pythia 6.428 397

▼ Pythia 6.428 398

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

2

1

0.5

 p_T [GeV]