

7000 GeV pp

Soft QCD

 $p_T(D^+) (y-3.0-3.5)$

- LHCb
- - ■ Pythia 6.424 default
- - * Pythia 6.424 pro-q2o

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

 p_T [GeV/c]