

7000 GeV pp

Soft QCD

 $p_T(D^{*+})$ (y-2.0-2.5) $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV}/c)$]

- LHCb
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.170 default

Rivet 3.1.10, $\geq 300\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_11218996

Ratio to LHCb

2

1

0.5

 p_T [GeV/c]