

7000 GeV pp

Soft QCD

 $p_T(\phi) \ (2.44 < y < 4.06)$ $d\sigma/dp_T \ [\mu\text{b/MeV}]$ Rivet 3.1.10, $\geq 1.5\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

LHCB_2011_I919315

- LHCb
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▽ Pythia 6.428 dw
- Pythia 6.428 p0

Ratio to LHCb

2

1

0.5

 $p_T^{\text{phi}} \ [\text{MeV}]$ 