

900 GeV pp

Soft QCD

Diff. cross-section for prompt K_S^0 production ($2.5 < y < 4.0$)

- LHCb
- ⋈ Epos 1.99.crmc.1.6.0 default
- ⋈ Epos 1.99.crmc.1.6.0 lhc

 $d^2\sigma(pp \rightarrow \{K_S^0\} X) / (dy dp_T)$ [mb/(GeV)]

10

1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2010_I865584)

Ratio to LHCb

2

1

0.5

2

1

0.5

 p_T [GeV]

0

0.5

1

1.5