

900 GeV pp

Soft QCD

Diff. cross-section for prompt K_S^0 production ($3.0 < y < 3.5$) $d^2\sigma(pp \rightarrow \{K_S^0\} X) / (dy dp_T)$ [mb/(GeV)]Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

10

1

 10^{-1} 

LHCB



Pythia 8.301 default



Pythia 8.301 default-noFsr



Pythia 8.301 default-noRap

(LHCB_2010_I865584)

Ratio to LHCB

2

1

0.5

0

0.5

1

 p_T [GeV]

2

1

0.5

