

900 GeV pp

Soft QCD

Cross-section for prompt K_S^0 production ($3.0 < y < 3.5$)

- LHCb
- ⋯+ Epos 1.99.crmc.1.3 default
- + Epos 1.99.crmc.1.3 lhc

 $\sigma(pp \rightarrow \{K_S^0\} X) [\mu b]$ 10^3 10^2

10

2

0.5

Ratio to LHCb

0

0.5

1

1.5

 $p_T [\text{GeV}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

0.5

(LHCb_2010_I865584)

