

$p_T(K^-)$  ( $2.5 < y < 4.0$ ) $d^2\sigma(pp \rightarrow K_S^0 X) / (dy dp_T)$  [mb/(GeV<sup>2</sup>)]

- LHCB
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

10

1

Rivet 3.1.0, ≥ 14M events

mcplots.cern.ch [arXiv:1306.3436]

LHCB\_2010\_S8758301

2

2

Ratio to LHCB

0.5

1

0.5

0

0.5

1

1.5

 $p_T$  [GeV]