

pT(K<sup>-</sup>) (3.5 < y < 4.0) $d^2\sigma(p\rightarrow K_S^0 X) / (dy dp_T)$  [mb/(GeV<sup>2</sup>)]Rivet 3.1.0,  $\geq 5M$  events

mcplots.cern.ch (arXiv:1306.3436)

10

1

10<sup>-1</sup>

- LHCB
- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲- Pythia 8 (Def)
- ◆- Sherpa (Def)

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Herwig++ 2.7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.2.8

Ratio to LHCB

2

1

0.5

2

1

0.5

0

0.5

1

p<sub>T</sub> [GeV]