

$\Lambda/K0S$ vs $|y|$ (NSD, $|y| < 2$)

- CMS
- ▲ Pythia 8.301 default
- ◆ Pythia 8.301 tune-4c
- ◻ Pythia 8.301 tune-4cx

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8978280

Ratio to CMS

0.5

2

0.5

2

0

0.5

1

1.5

2

 $|y|$ $N(\Lambda)$, $N(K_S^0)$

1

0.8

0.6

0.4

0.2