

Λ/KOS vs $|y|$ (NSD, $|y| < 2$)

- CMS
- ▲ Pythia 8.301 default
- -▲ Pythia 8.301 default-CD
- -▲ Pythia 8.301 default-DL
- ⋯▲ Pythia 8.301 default-MBR

1.2

1.0

0.8

0.6

0.4

0.2

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

CMS_2011_S8978280

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

1

1

1

1

1

1

1

1

2

1

1

1

1

1

1

1

1

1

0

0.5

1

1.5

2

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