

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

- CMS
- ▲ Pythia 8.186 default
- ▲ Pythia 8.186 default-noFsr
- ▲ Pythia 8.186 default-noRap

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8978280

2

1

0.5

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

1.2

1.0

0.8

0.6

0.4

0.2

Ratio to CMS

2

1

0.5

0

0.5

1

1.5

2