

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

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8978280

Ratio to CMS

2

2

1

1

0.5

0.5

0

0.5

1

1.5

2

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