

Λ/KOS vs $|y|$ (NSD, $|y| < 2$)

- CMS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 vincia-default

Rivet 3.1.10, $\geq 100k$ 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

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

1.2

1.0

0.8

0.6

0.4

0.2

0.4

0.37

0.41

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0

0.5

1

1.5

2

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

1.2

1.0

0.8

0.6

0.4

0.2

0.4

0.37

0.41

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0.38

0.36

0.39

0.37

0

0.5

1

1.5

2

 $|y|$