

7000 GeV pp

NSD

 $\{K\}_S^0$ rapidity distribution at $\sqrt{s} = 7$ TeV

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.135 default

Rivet 4.1.0, ≥ 400k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2011_I890166)

Ratio to CMS

2

1

0.5

 $\{K\}_S^0 |y|$ 