

7000 GeV pp

NSD

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

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲— Pythia 8.201 default

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2011_I890166)

Ratio to CMS

2

1

0.5

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