

7000 GeV pp

NSD

 $|y|(\Lambda)$ (NSD, $|y| < 2$)

- CMS
- ▲ Pythia 8.308 default
- - ▼ Pythia 8.308 tune-AU2
- · · ◇ Pythia 8.308 tune-AU2lox
- · - □ Pythia 8.308 tune-AU2lox
- · - ★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8978280

Ratio to CMS

2

1

0.5

 $\Lambda |y|$ 