

7000 GeV pp

NSD

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

- CMS
- - ■ Pythia 6.425 default
- - * Pythia 6.425 pro-q2o

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8978280

Ratio to CMS

2

1

0.5

 $\Lambda |y|$ 