

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($p_{\text{T}}(\text{K}_{\text{S}}^0) > 0.6 \text{ GeV}$)

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_PAS_QCD_11_010)

Ratio to CMS

10
1
 10^{-1}
 10^{-2} 2
1
0.5

0

20

40

2
1
0.5

0.5