

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
◆ Sherpa 2.2.0 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_PAS_QCD_11_010)

Ratio to CMS

0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

2

1

0.5

0

20

40

2

1

0.5