

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
- ⋯+ Epos 1.99.crmc.1.6.0 default
- + Epos 1.99.crmc.1.6.0 lhcb
- ▲ Pythia 8.315 default

1

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

(CMS_2012_PAS_QCD_11_010)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

