

7000 GeV pp

Underlying Event

 $\Sigma(p_T)$ vs $p_T^{\text{lead}} (p_T(K_S^0) > 0.6 \text{ GeV})$

- CMS
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

1

10^{-1}

10^{-2}

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_PAS_QCD_11_010)

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

