

7000 GeV pp

Underlying Event

 $\Sigma(p_T)$  vs  $\eta^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_T > 0.1$  GeV)

- ATLAS
- ◆ Sherpa 1.4.3 default

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

2

0.5

2

0

1

2

 $|\eta|$  (leading track) $\langle d^2 \text{ sum } p_T / d\eta d\phi \rangle$  [GeV]

3

2.5

2

1.5

1

0.5