

7000 GeV pp

Soft QCD

Sum ET ($|\eta| < 4.8$, $p^{\text{ch(neutral)}} > 0.5(0.2)$ GeV) $\langle \frac{d^2 \text{sum } E_T}{d\eta d\phi} \rangle [\text{GeV}]$

■ ATLAS
—▲ Pythia 8.209 default

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2012_I1183818

Ratio to ATLAS

2

1

0.5

 $|\eta|$ 