

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 8.308 default

Rivet 3.1.10, 2.8M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2012\_I1183818

Ratio to ATLAS

2

1

0.5

 $|\eta|$ 