

500 GeV ppbar

Soft QCD

Sum ET vs Nch(UA1, all  $p_T$ )

■ UA1  
—▲ Pythia 8.308 default

 $\Sigma E_T$  [GeV] $10^2$ 

10

1

UA1\_1990\_S2044935

Rivet 3.1.10, 3.4M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA1

2

1

0.5

2

1

0.5

0

20

40

 $n_{ch}$ 