

500 GeV ppbar

Soft QCD

Sum ET vs Nch(UA1, all  $p_T$ ) $\Sigma E_T$  [GeV] $10^2$ 

10

1

■ UA1

—▲ Pythia 8.308 default

—▲ Pythia 8.308 default-noFsr

—▲ Pythia 8.308 default-noRap

Rivet 3.1.10,  $\geq 3.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

UA1\_1990\_S2044935

Ratio to UA1

2

2

1

1

0.5

0.5

0

20

40

 $n_{ch}$ 