

$A_\mu$ Charge asymmetry vs  $\eta$  (muon channel)

- ATLAS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noFsr
- ▲ Pythia 8.201 default-noRap

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0

ATLAS\_2011\_S9002537

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

0

2

Ratio to ATLAS

1

0.5

2

1

0.5

0

0.5

1

1.5

2

 $|\eta_\mu|$ 