

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

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.135 default

0.6

0.5

0.4

0.3

0.2

0.1

0

-2

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9002537

Ratio to ATLAS

2

1

0.5

0

-1

-2

-3

-4

-5

-6

-7

2

1

0.5

0

-1

-2

-3

-4

-5

-6

-7

 $|\eta_\mu|$ 

0

0.5

1

1.5

2

2.5