

91 GeV ee

 $\gamma^*/Z$  (Hadronic)

$$(R_{\pi^-}^q - R_{\pi^+}^q) / (R_{\pi^-}^q + R_{\pi^+}^q)$$

- SLD
- - - □ Pythia 6.425 default
- - - ▲ Pythia 8.301 default

150

100

50

0

-50

-100

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

SLD\_2004\_S5693039

Ratio to SLD

2

1

0.5

2

1

0.5

0

0.2

0.4

0.6

0.8

 $x_p$ 