

91.2 GeV ee

 $\gamma^*/Z$  (Hadronic)

$$R_{\pi^-}^q = \# \frac{1}{2N_{\text{events}}} \# \frac{d}{dx_p} [N(q \rightarrow \pi^-) + N(\bar{q} \rightarrow \pi^+)]$$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

■ SLD

—△— Pythia 6.424 ambt1

(SLD\_2004\_I630327)

Ratio to SLD

2

1

0.5

 $x_p$ 