

91.2 GeV ee

 γ^*/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 6.425 default

(SLD_2004_I630327)

Ratio to SLD

0 0.2 0.4 0.6 0.8 x_p

2

1

0.5