

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, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

- SLD
- ▲ Pythia 8.186 default
- ☆ Pythia 8.186 hoeth
- ▲ Pythia 8.186 jetset
- Pythia 8.186 montull
- Pythia 8.186 tune-cmw

(SLD_2004_I630327)

Ratio to SLD

2

1

0.5

 x_p 