

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 8.243 default
- - * - - Pythia 8.243 hoeth
- ...▲... Pythia 8.243 jetset
- - ○ - - Pythia 8.243 montull
- Pythia 8.243 tune-cmw

(SLD_2004_I630327)

Ratio to SLD

2

1

0.5

 x_p 