

91.2 GeV ee

 γ^*/Z (Hadronic)

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

■ SLD

---○--- Herwig++ 2.5.2 default

---□--- Herwig 7.2.1 default

---▲--- Pythia 8.315 default

 $D_{\pi^-}^q$ [%] 10^3
 10^2
 10
 1
 10^{-1}
 10^{-2}

(SLD_2004_I630327)

Ratio to SLD

2
1
0.5

0

0.2

0.4

0.6

0.8

 x_p

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

