

91 GeV ee

 $\gamma^*/Z$  (Hadronic) $1/N \, dN/dx_B$ b quark fragmentation function  $f^{\text{weak}}$ 

- SLD
- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)
- ▼ Vincia (Def)

5  
4  
3  
2  
1  
0Rivet 2.6.1,  $\geq 59k$  events

mcplots.cern.ch (arXiv:1306.3436)

SLD\_2002\_S4869273

Herwig++ 2.7.1, Herwig 7.1.4, Pythia 6.428, Pythia 8.240, Sherpa 2.2.5, Vincia 1.2.02\_8.210

Ratio to SLD

2  
1  
0.52  
1  
0.5

0.2

0.4

0.6

0.8

 $x_B$ 