

91.2 GeV ee

 $\gamma^*/Z$  (Hadronic)

Difference in Charged multiplicity between b and uds events

- SLD
- - ○ - - Herwig++ 2.7.1 default
- - □ - - Herwig 7.2.1 default
- - ▲ - - Pythia 8.315 default
- - ▼ - - Pythia 8.315 vincia-default
- - ◆ - - Sherpa 2.2.7 default
- - ▼ - - Vincia 2.3.01\_8.243 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(SLD\_2004\_I630327)

Ratio to SLD

0.5

1

2

1

2

3

4

5

6

0.5

1

2

1

2

3

4

5

6

 $E_{\text{CMS}}/\text{GeV}$ 

91

91.5