

91 GeV ee

 $\gamma^*/Z$  (Hadronic)Average  $N_{ch}$  ( $c\tau > 100\text{mm}$ )

- OPAL
- Herwig 7.2.1 default
- Sherpa 1.4.3 default
- Vincia 2.3.01\_8.243 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

OPAL\_1992\_I321190

Ratio to OPAL

2

1

0.5

40

35

30

25

20

15

10

2

1

0.5

400k events

1306.3436

2

1

0.5

91

91.5

