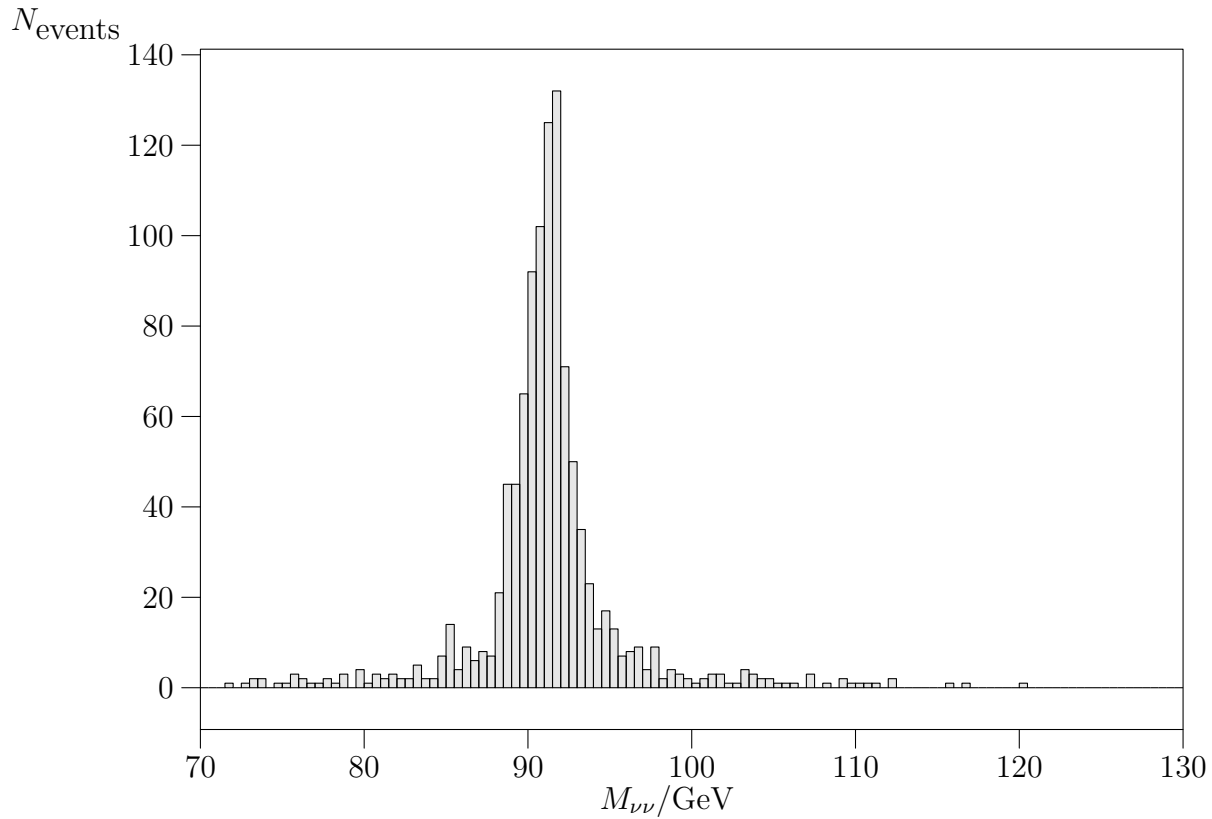


1 Invisible mass distribution in $e^+e^- \rightarrow \nu\bar{\nu}b\bar{b}$

A WHIZARD 2.0 Example. Using weighted events to speed things up.



Data within bounds:

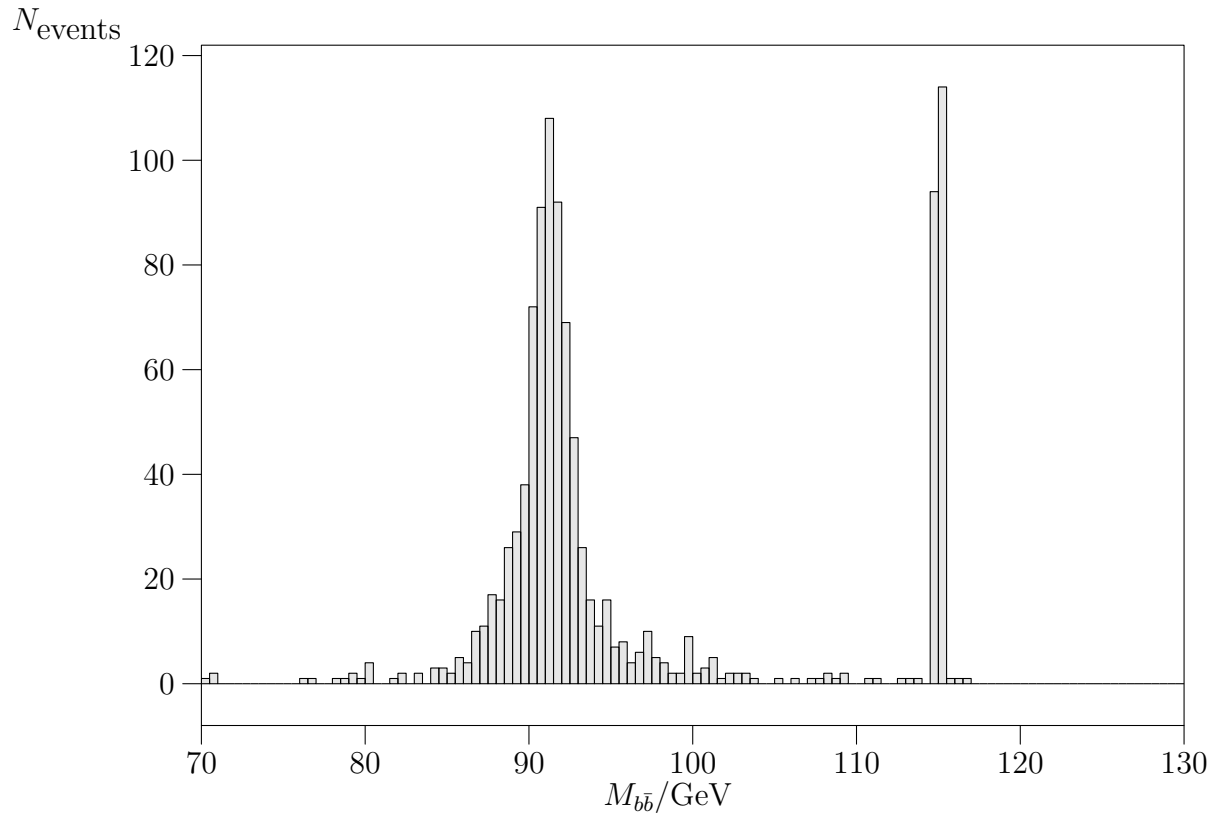
$$\langle \text{Observable} \rangle = 91.27 \pm 0.14 \quad [n_{\text{entries}} = 1039]$$

All data:

$$\langle \text{Observable} \rangle = 90.56 \pm 0.24 \quad [n_{\text{entries}} = 1066]$$

2 $b\bar{b}$ invariant mass distribution in $e^+e^- \rightarrow \nu\bar{\nu}b\bar{b}$

A WHIZARD 2.0 Example. Using weighted events to speed things up.



Data within bounds:

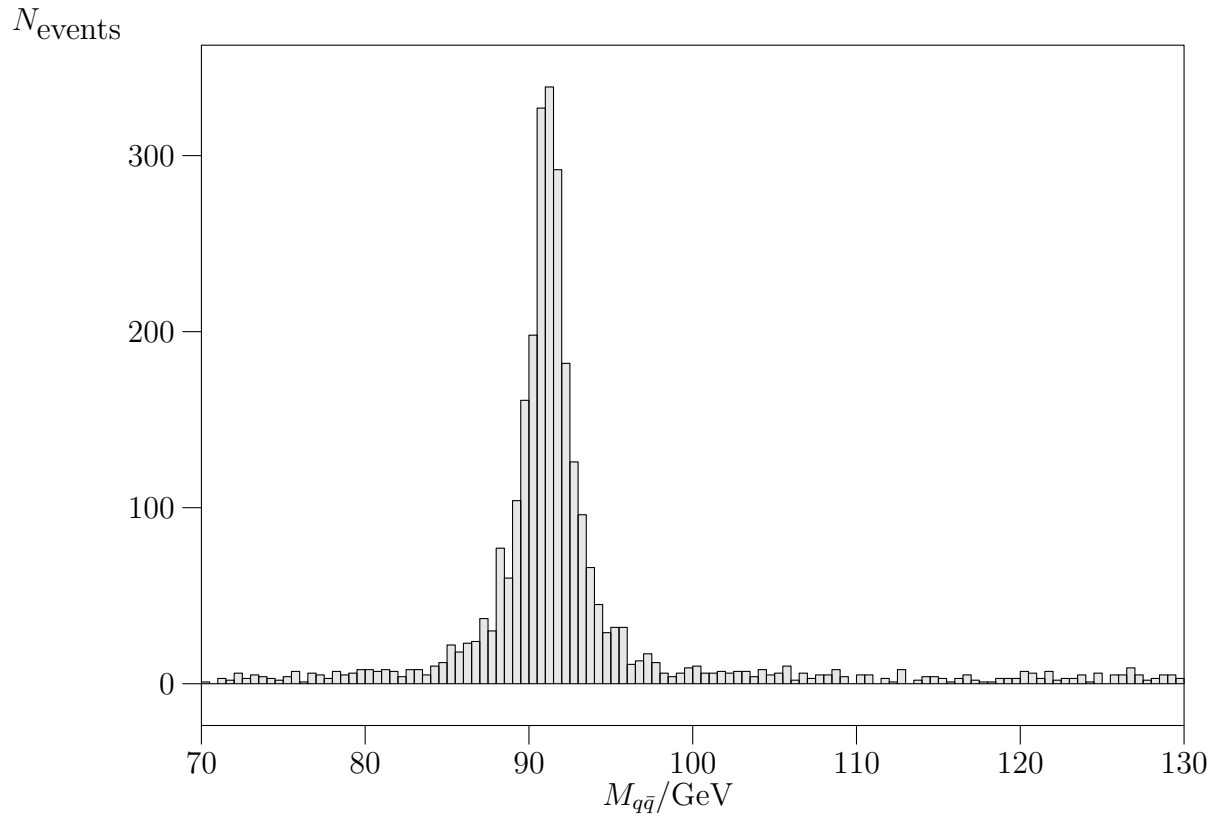
$$\langle \text{Observable} \rangle = 96.42 \pm 0.32 \quad [n_{\text{entries}} = 1031]$$

All data:

$$\langle \text{Observable} \rangle = 94.20 \pm 0.49 \quad [n_{\text{entries}} = 1066]$$

3 Dijet invariant mass distribution in $e^+e^- \rightarrow q\bar{q}b\bar{b}$

A WHIZARD 2.0 Example. Using weighted events to speed things up.



Data within bounds:

$$\langle \text{Observable} \rangle = 92.59 \pm 0.15 \quad [n_{\text{entries}} = 2813]$$

All data:

$$\langle \text{Observable} \rangle = 90.59 \pm 0.72 \quad [n_{\text{entries}} = 4935]$$