

FCC-ee Simulation (Delphes)

Events / 0.1 GeV

$\sqrt{s} = 91.0 \text{ GeV}$

$L = 5 \text{ ab}^{-1}$

$e^+e^- \rightarrow N \nu, N \rightarrow e e \nu$

No selection

— $m_N = 40 \text{ GeV}, V_e = 1e-3$, mean = $6.1e-04$, s.d. = $7.0e-02$

— $m_N = 40 \text{ GeV}, V_e = 1e-4$, mean = $1.3e-03$, s.d. = $7.3e-02$

— $m_N = 40 \text{ GeV}, V_e = 1e-5$, mean = $-5.6e-05$, s.d. = $6.9e-02$

0.6

0.4

0.2

0

-5 -4 -3 -2 -1 0 1 2 3 4 5

Gen e^- energy - Reco e^- energy [GeV]

