

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

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}3$, mean = 6.3e-04, s.d. = 9.2e-02

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$, mean = 1.6e-05, s.d. = 9.4e-02

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$, mean = 1.5e-04, s.d. = 9.5e-02

0.6

0.4

0.2

0

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

Gen $e^- p_z$ - Reco $e^- p_z$ [GeV]

