

# FCC-ee Simulation (Delphes)

Events per bin (0.1 width)

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

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

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

No selection

—  $m_N = 40 \text{ GeV}, V_e = 1\text{e-}3$  , mean = 1.3e-02, s.d. = 1.8e-01

—  $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$  , mean = 1.2e-02, s.d. = 1.8e-01

—  $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$  , mean = 1.3e-02, s.d. = 1.8e-01

0.8

0.6

0.4

0.2

0

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

Gen  $e^+ \theta$  - Reco  $e^+ \theta$

0.5