

FCC-ee Simulation (Delphes)

Events per bin (0.05 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 = 1.6e+00, s.d. = 6.9e-01

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$, mean = 1.6e+00, s.d. = 6.9e-01

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$, mean = 1.6e+00, s.d. = 6.9e-01

1

10^{-1}

10^{-2}

10^{-3}

0 0.5 1 1.5 2 2.5 3

Reco electron θ

