FCC-ee Simulation (Delphes)

$\sqrt{s} = 91.0\ GeV$

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

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

No selection

— $m_N = 40\ GeV,\ V_e = 1e\text{-}3$, mean = 3.1e-01, s.d. = 6.0e-01

— $m_N = 40\ GeV,\ V_e = 1e\text{-}4$, mean = 3.1e-01, s.d. = 6.0e-01

— $m_N = 40\ GeV,\ V_e = 1e\text{-}5$, mean = 2.6e-01, s.d. = 5.4e-01

Events per bin (0.03 width)

Reco N decay vertex χ^2