

# 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 =  $8.7\text{e-}04$ , s.d. =  $7.7\text{e-}02$

—  $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$  , mean =  $-2.3\text{e-}04$ , s.d. =  $7.5\text{e-}02$

—  $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$  , mean =  $-4.1\text{e-}05$ , s.d. =  $8.1\text{e-}02$

0.6

0.4

0.2

0

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

