

# FCC-ee Simulation (Delphes)

Events / 0.5 GeV

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

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

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

No selection

—  $m_N = 40 \text{ GeV}, V_e = 1e-3$  , mean = 2.8e+01, s.d. = 1.1e+01

—  $m_N = 40 \text{ GeV}, V_e = 1e-4$  , mean = 2.8e+01, s.d. = 1.1e+01

—  $m_N = 40 \text{ GeV}, V_e = 1e-5$  , mean = 2.8e+01, s.d. = 1.1e+01

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

Final state gen neutrino energy [GeV]

