

FCC-ee Simulation (Delphes)

Events / 0.5 GeV

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

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

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

No selection

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}3$, mean = 9.4e-01, s.d. = 2.9e+00

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$, mean = 9.3e-01, s.d. = 2.8e+00

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$, mean = 9.4e-01, s.d. = 2.8e+00

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

Final state gen photons p [GeV]