

FCC-ee Simulation (Delphes)

Events / 20.0 mm

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

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

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

No selection

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}3$, mean = 1.1e-05, s.d. = 2.2e-03

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}4$, mean = 1.3e-03, s.d. = 2.2e-01

— $m_N = 40 \text{ GeV}, V_e = 1\text{e-}5$, mean = 2.0e-01, s.d. = 2.2e+01

0.8

0.6

0.4

0.2

0

Gen e^- production vertex y [mm]

-1000 -800 -600 -400 -200 0 200 400 600 800 1000

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