

FCCAnalyses: FCC-ee Simulation (Delphes)

events

10^9

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

10^8

$L = 150 \text{ ab}^{-1}$

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

10^7

2 electrons; No muons, jets, or photons; Missing momentum > 10 GeV

10^6

— HNL_Majorana_70GeV_1e-3Ve

10^5

— HNL_Dirac_70GeV_1e-3Ve

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

−1000 −800 −600 −400 −200 0 200 400 600 800 1000

Final state gen e^- production vertex z [mm]

