

# ***FCCAnalyses: FCC-ee Simulation (Delphes)***

events

$10^9$

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

$10^8$

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

$10^7$

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

$10^6$

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

$10^5$

— HNL\_Majorana\_50GeV\_1e-3 $\nu_e$

$10^4$

— HNL\_Dirac\_50GeV\_1e-3 $\nu_e$

$10^3$

$10^2$

10

1

-0.5

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

Total number of reco electrons

