

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

events

$10^9$

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

$10^8$

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

$10^7$

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

$10^6$

*2 electrons with  $|d_0| > 0.5 \text{ mm}$ ; No muons, jets, or photons; Missing momentum  $> 10$*

$10^5$

HNL\_Majorana\_20GeV\_1e-3Ve

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

-0.5

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

Total number of reco photons