

# FCCAnalyses: FCC-ee Simulation (Delphes)

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

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

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

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

— HNL\_Majorana\_20GeV\_1e-3Ve

~~— HNL\_Dirac\_20GeV\_1e-3Ve~~

Process	Yields	Raw MC
HNL_Majorana_20GeV_1e-3Ve	1500000	1
HNL_Dirac_20GeV_1e-3Ve	30000000	11