

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

events

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

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

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

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

— HNL\_Majorana\_50GeV\_1e-3Ve

— HNL\_Dirac\_50GeV\_1e-3Ve

10  
1  
 $10^{-1}$   
 $10^{-2}$   
0 200 400 600 800 1000 1200 1400 1600 1800 2000

Reco muon tracks  $|z_0|$  [mm]