

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

events

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

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

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

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

— HNL\_Majorana\_50GeV\_1e-3Ve

— HNL\_Dirac\_50GeV\_1e-3Ve

10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

Reco muon tracks  $|z_0 \text{ significance}|$