

# ***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\_70GeV\_1e-3Ve

— HNL\_Dirac\_70GeV\_1e-3Ve

10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>

0 200 400 600 800 1000 1200 1400 1600 1800 2000

Reco muon tracks  $|d_0|$  [mm]