

# ***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\_20GeV\_1e-3Ve

— HNL\_Dirac\_20GeV\_1e-3Ve

10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

Reco muon tracks  $d_0 \sigma^2$