

# ***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\_20GeV\_1e-3Ve

— HNL\_Dirac\_20GeV\_1e-3Ve

0

200

400

600

800

1000

1200

1400

1600

1800

2000

Reco muon tracks  $|d_0| \text{ [mm]}$