

# ***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 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

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

Reco electron tracks  $|d_0|$  [mm]

0

200

400

600

800

1000

1200

1400

1600

1800

2000