

# ***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*

— HNL\_Majorana\_20GeV\_1e-3Ve

— HNL\_Dirac\_20GeV\_1e-3Ve

$10^9$

$10^8$

$10^7$

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

0

200

400

600

800

1000

1200

1400

1600

1800

2000

Reco electron tracks  $|d_0|$  [mm]