

# ***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\_50GeV\_1e-3Ve

— HNL\_Dirac\_50GeV\_1e-3Ve

$10^{-2}$  0 100 200 300 400 500 600  $\times 10^3$

Reco muon tracks  $|z_0 \text{ significance}|$