

# ***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\_20GeV\_1e-3Ve

— HNL\_Dirac\_20GeV\_1e-3Ve

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1  
0 100 200 300 400 500 600  $\times 10^3$

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