

# ***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  
1  
 $10^{-1}$   
 $10^{-2}$   
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

Reco muon tracks  $d_0 \sigma^2$