

# ***FCCAnalyses: FCC-ee Simulation (Delphes)***

events / 0.50 GeV

$\sqrt{s} = 91.0 \text{ GeV}$

$L = 150 \text{ ab}^{-1}$

$e^+e^- \rightarrow N \nu, N \rightarrow e e \nu$

*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

5

10

15

20

25

30

35

40

45

50

Reco muon  $p_T$  [GeV]