

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_20GeV_1e-3Ve

— HNL_Dirac_20GeV_1e-3Ve

10^4

10^5

10^6

10^7

10^8

10^9

0

100

200

300

400

500

600

$\times 10^3$

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