

FCCAnalyses: FCC-ee Simulation (Delphes)

events / 1 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_50GeV_1e-3Ve

— HNL_Dirac_50GeV_1e-3Ve

0

10

20

30

40

50

60

70

80

90

100

Gen m_{ee} [GeV]