

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

10^{-2} -0.01 -0.0080.0060.0040.002 0 0.0020.0040.0060.008 0.01

Final state gen e^- production vertex x [mm]