

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
1
10⁻¹
10⁻²

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

Reco muon tracks $|d_0|$ [mm]