

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_50GeV_1e-3Ve

— HNL_Dirac_50GeV_1e-3Ve

10
1
10⁻¹
10⁻²

0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

Reco muon tracks $d_0 \sigma^2$