

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_70GeV_1e-3Ve

— HNL_Dirac_70GeV_1e-3Ve

10
1
10⁻¹
10⁻²
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

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