

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

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

Reco muon tracks $|d_0| \text{ [mm]}$