

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 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

Reco electron tracks $d_0 \sigma^2$