

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_70GeV_1e-3Ve

— HNL_Dirac_70GeV_1e-3Ve

10
1
10⁻¹
10⁻²

-1000 -800 -600 -400 -200 0 200 400 600 800 1000

Final state gen e^- production vertex z [mm]