

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

10
1
10⁻¹
10⁻²
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

Reco jet tracks $|z_0| \text{ [mm]}$