## FCC-ee Simulation (Delphes) Events per bin (1.0 width) 10<sup>3</sup> $\sqrt{s} = 91.0 \text{ GeV}$ $e^+e^- \rightarrow N \ v, N \rightarrow eev$ 10<sup>2</sup> $\frac{No \text{ selection}}{m_N}$ = 30 GeV, $|V_{eN}|$ = 1.41e-6 --- $m_N = 50 \text{ GeV}, |V_{eN}^{eN}| = 1.41e-6$ --- $m_N = 70 \text{ GeV}, |V_{eN}^{eN}| = 1.41e-6$ --- $m_N = 90 \text{ GeV}, |V_{eN}^{eN}| = 1.41e-6$ 10 $10^{-1}$

 $10^{-2}$ 

Reco e<sub>1</sub> (from HNL) charge

0.5