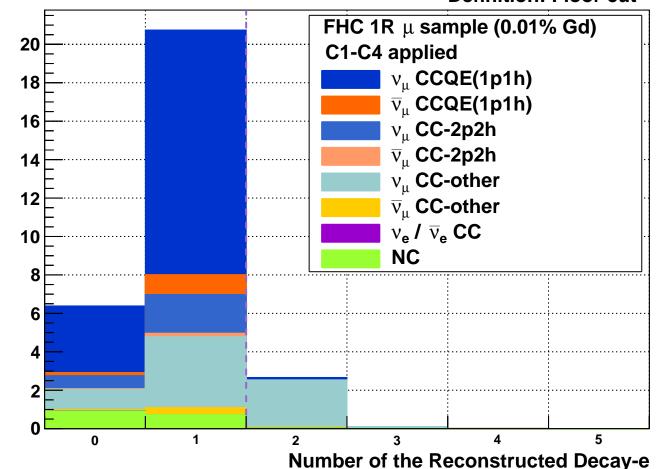**Definition: Floor cut**

Number of ν Events (y-axis)

Number of the Reconstructed Decay-e (x-axis)

Legend:
- FHC 1R μ sample (0.01% Gd)
- C1-C4 applied
- ν_μ CCQE(1p1h)
- $\overline{\nu}_\mu$ CCQE(1p1h)
- ν_μ CC-2p2h
- $\overline{\nu}_\mu$ CC-2p2h
- ν_μ CC-other
- $\overline{\nu}_\mu$ CC-other
- ν_e / $\overline{\nu}_e$ CC
- NC