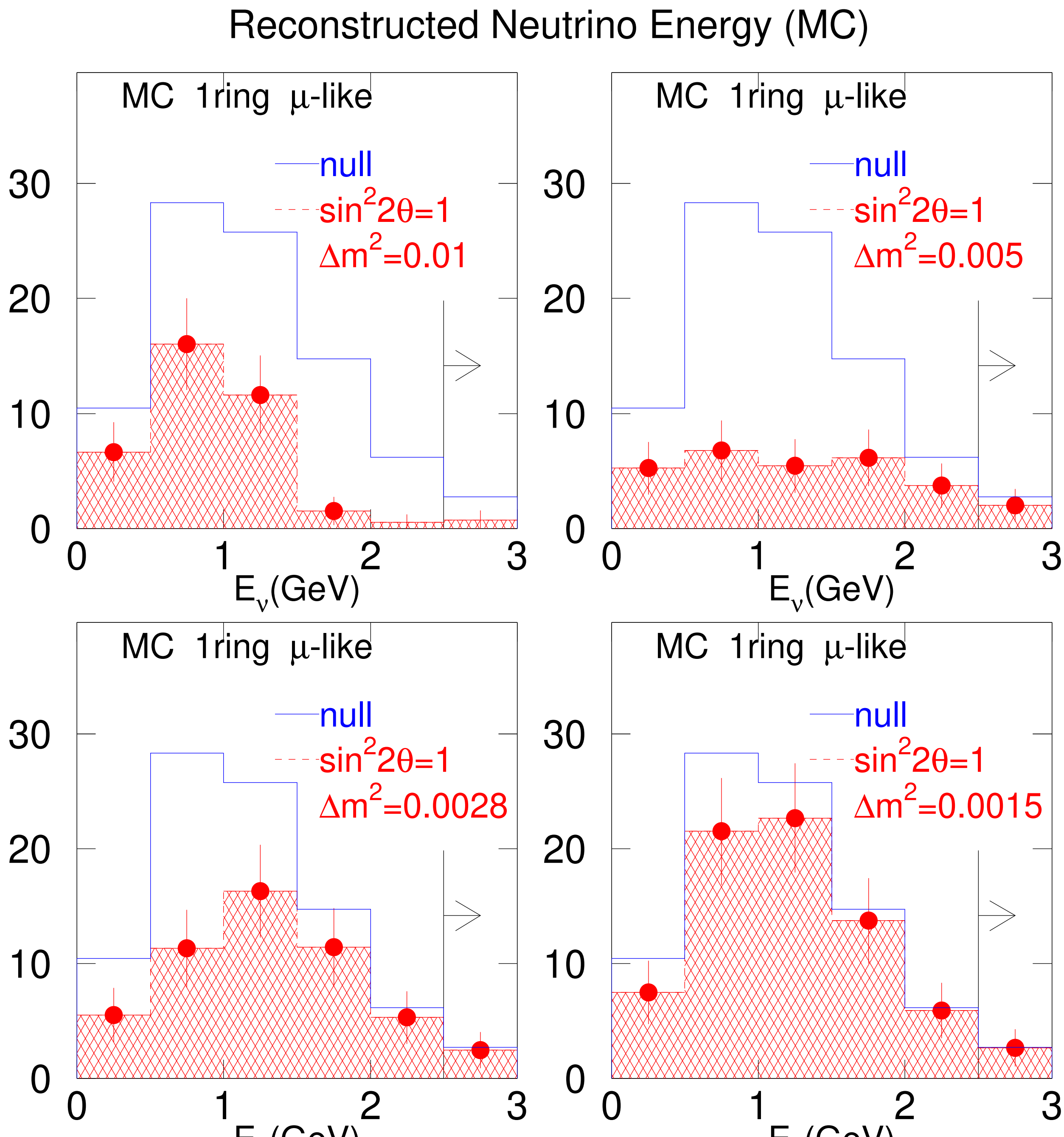

Reconstructed Neutrino Energy (MC)
MC 1ring μ-like
null
sin²2θ=1
Δm²=0.01
Δm²=0.005
Δm²=0.0028
Δm²=0.0015
0
10
20
30
0
1
2
3
Eν(GeV)

Reconstructed Neutrino Energy (MC)

Number of interactions in SK 22.5kt fiducial volume
210.163

Number of 1ring μlike FC events in SK 22.5kt
(all / above 500MeV / above 1GeV)

null oscillation
88.2058 / 77.7346 / 49.3981

$\sin^2 2\theta=1.0$, $\Delta m^2=1.0\times10^{-2}$
37.0392 / 30.3902 / 14.3537

$\sin^2 2\theta=1.0$, $\Delta m^2=5.0\times10^{-3}$
29.2997 / 24.0716 / 17.2801

$\sin^2 2\theta=1.0$, $\Delta m^2=2.8\times10^{-3}$
52.3574 / 46.8195 / 35.509

$\sin^2 2\theta=1.0$, $\Delta m^2=1.5\times10^{-3}$
73.9588 / 66.4656 / 44.9664