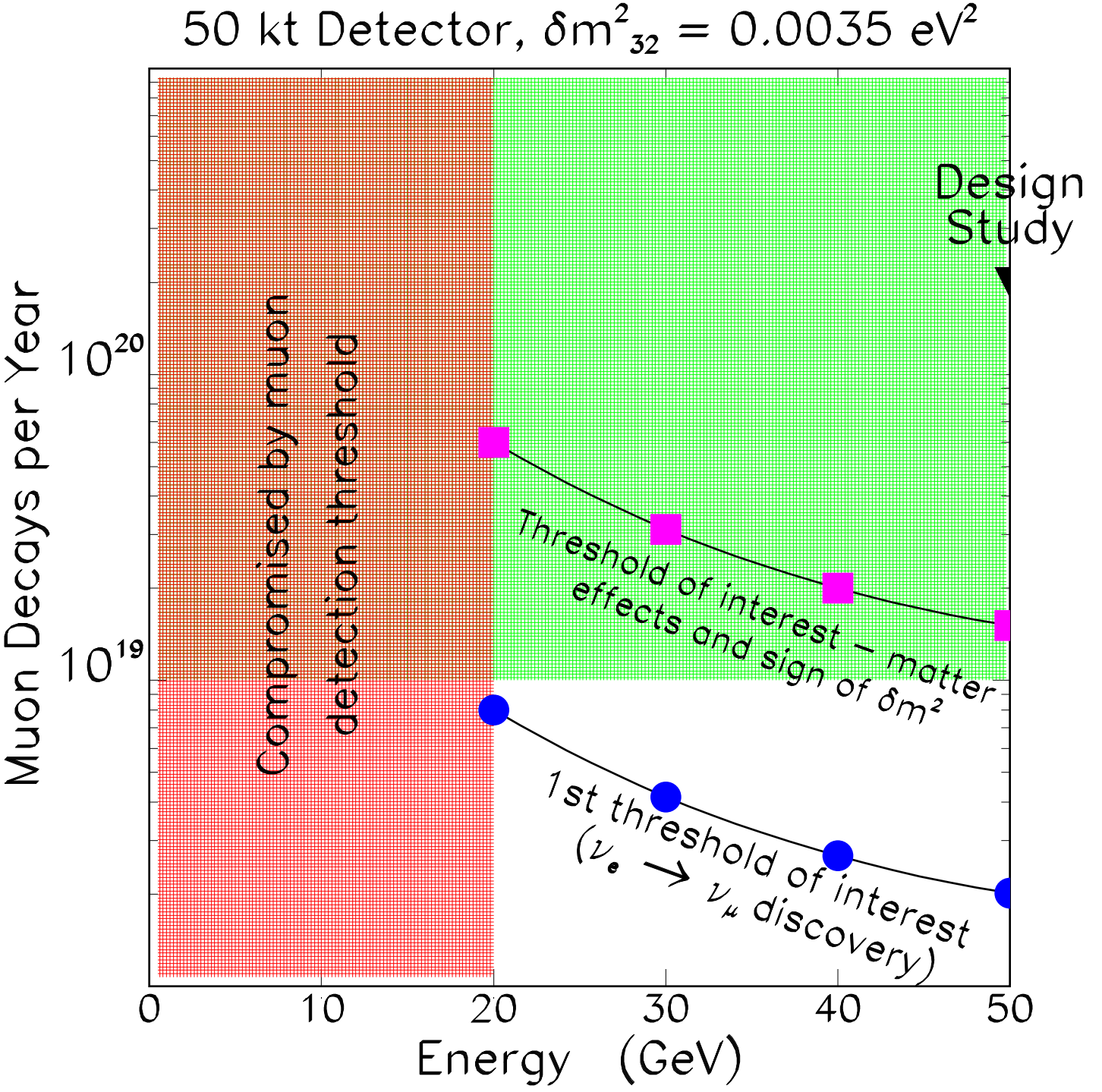
50 kt Detector, $\delta m^2_{32} = 0.0035\ eV^2$
Design Study
Muon Decays per Year
10^{20}
10^{19}
Compromised by muon detection threshold
Threshold of interest – matter effects and sign of δm^2
1st threshold of interest ($\nu_e \rightarrow \nu_\mu$ discovery)
0
10
20
30
40
50
Energy (GeV)