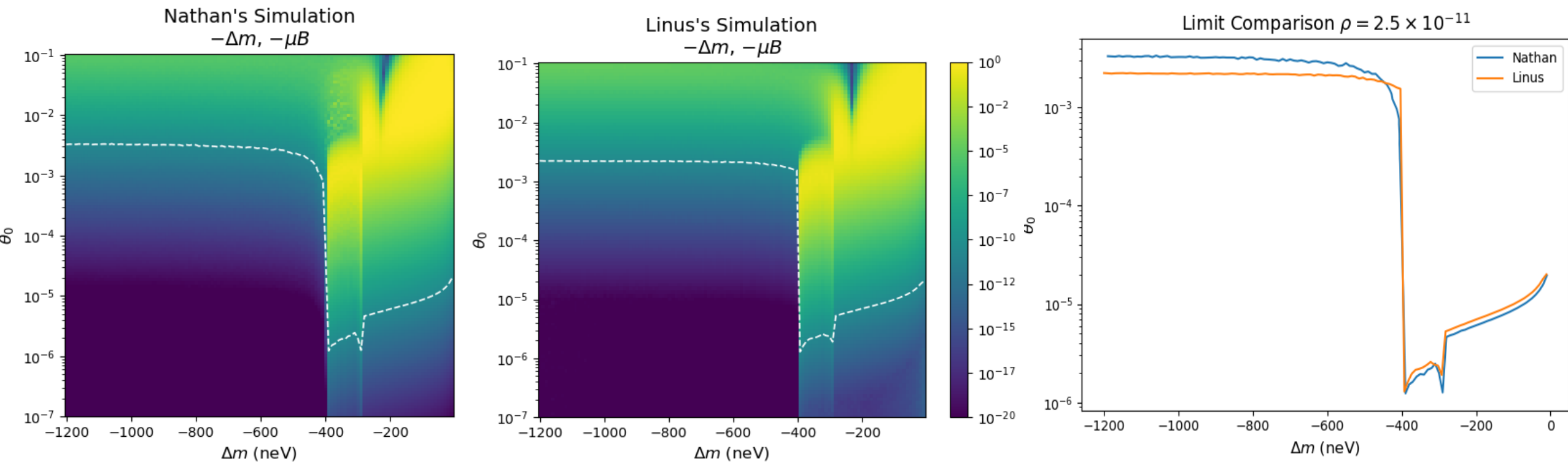


# Density Matrix vs. Schrodinger eqn

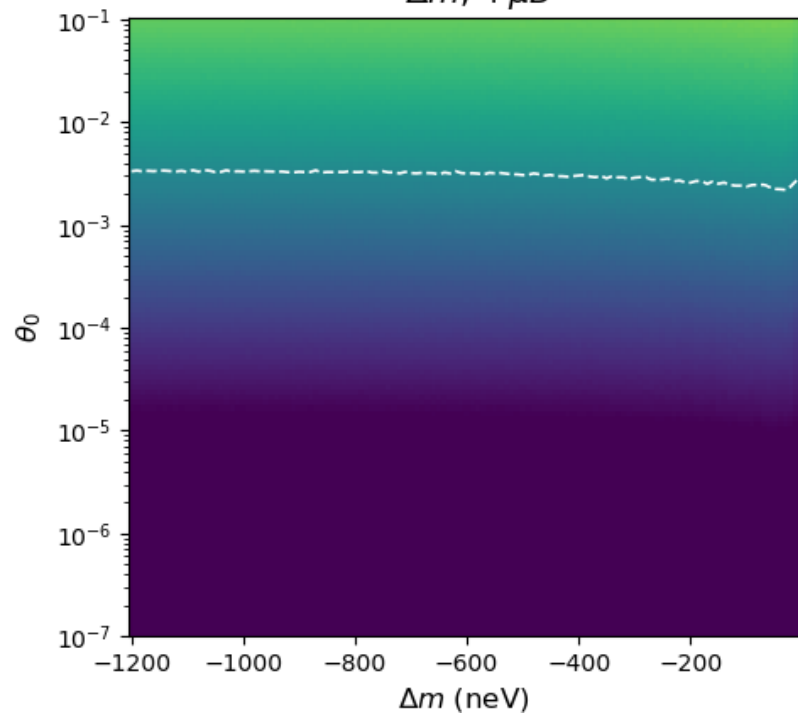
- My simulations used 0.1mm stepsize
- Same material setup
- Same(?) magnetic field
  - +/- 30cm could be interpolated differently
  - $\Delta m = 1600-10$  neV (shouldn't affect these plots)

# $-\Delta m, -\mu B$ Comparison

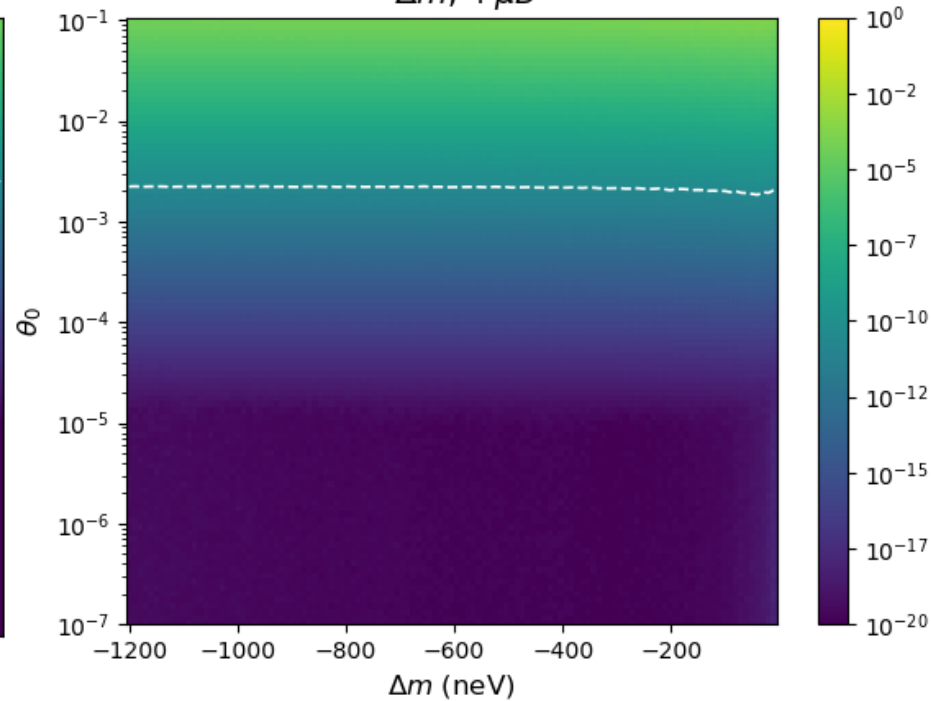


# $-\Delta m, +\mu B$ Comparison

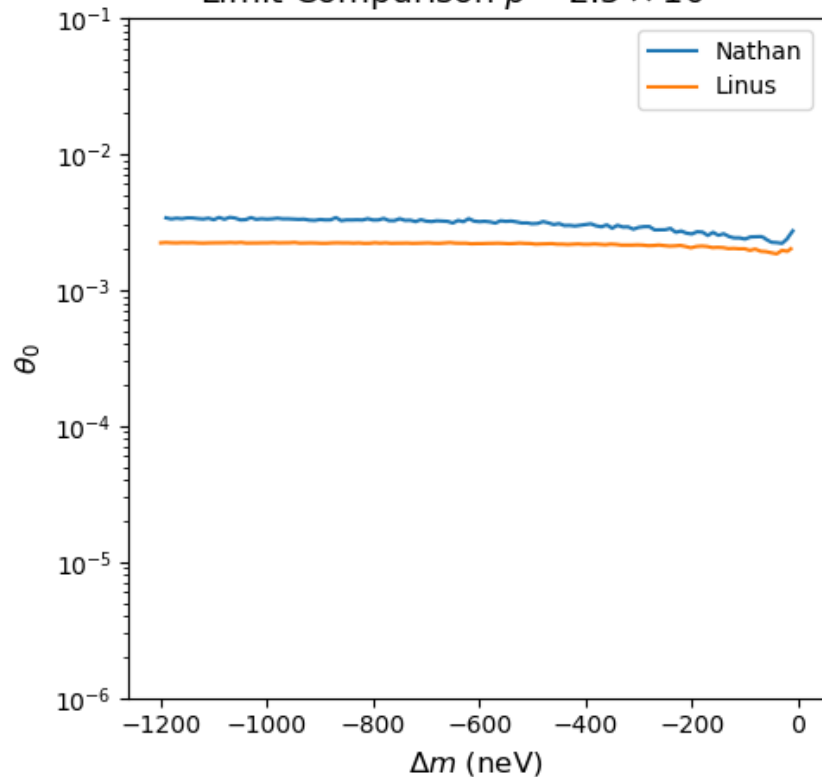
Nathan's Simulation  
 $-\Delta m, +\mu B$



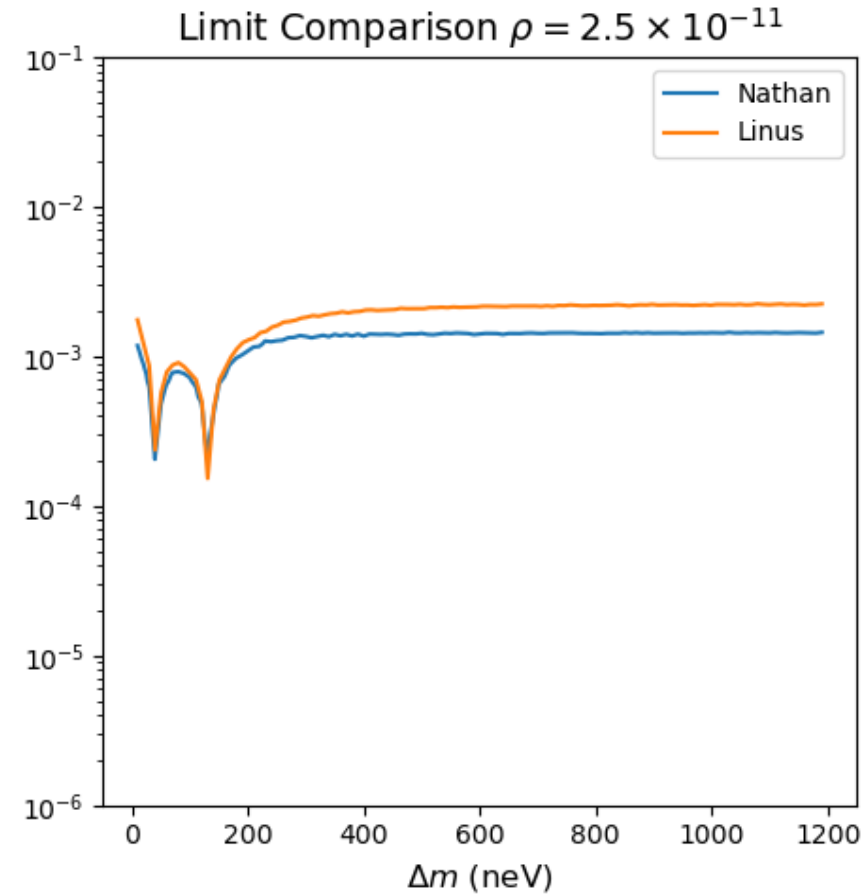
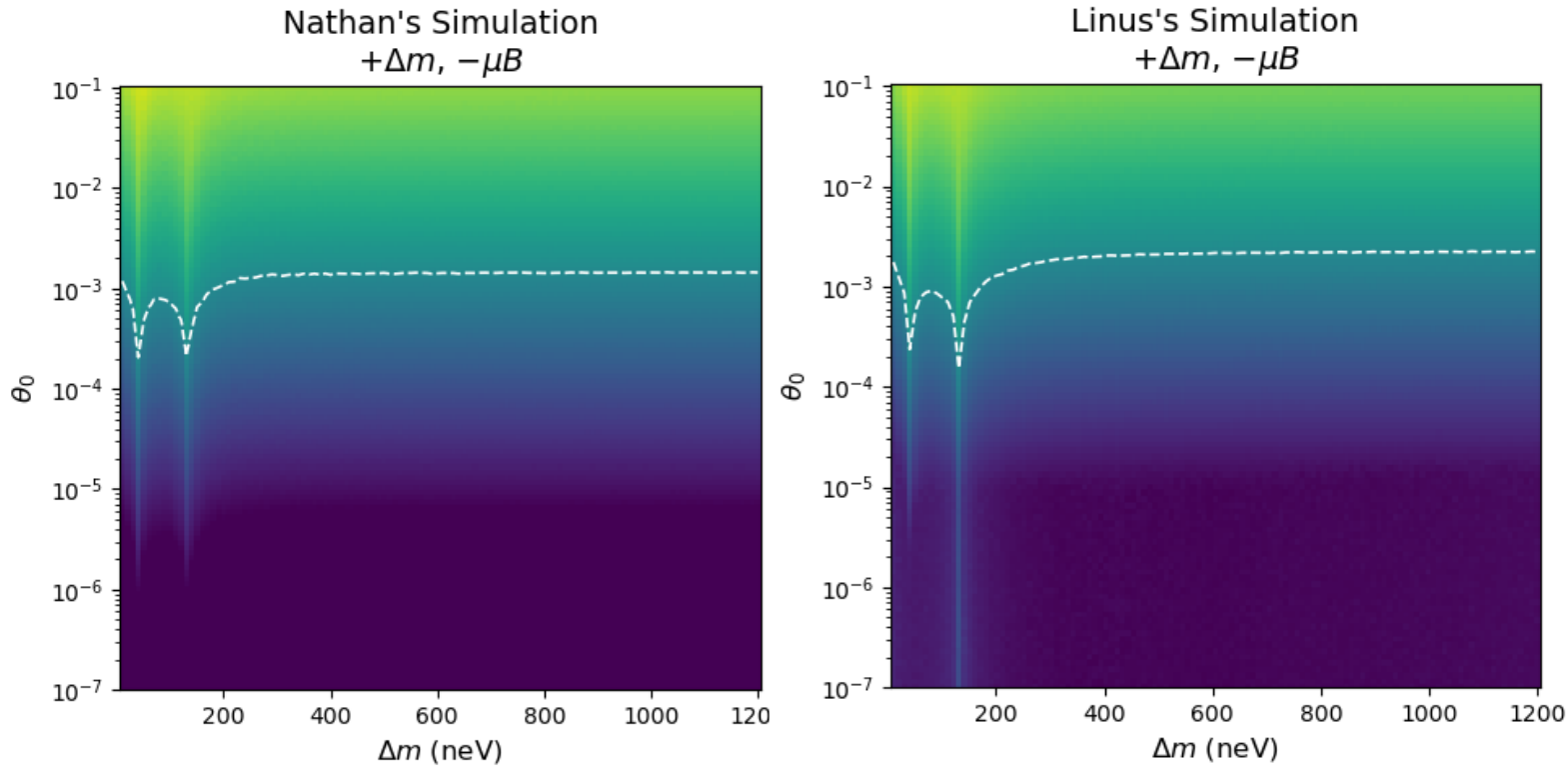
Linus's Simulation  
 $-\Delta m, +\mu B$



Limit Comparison  $\rho = 2.5 \times 10^{-11}$



# + $\Delta m$ , - $\mu B$ Comparison



# + $\Delta m$ , + $\mu B$ Comparison

