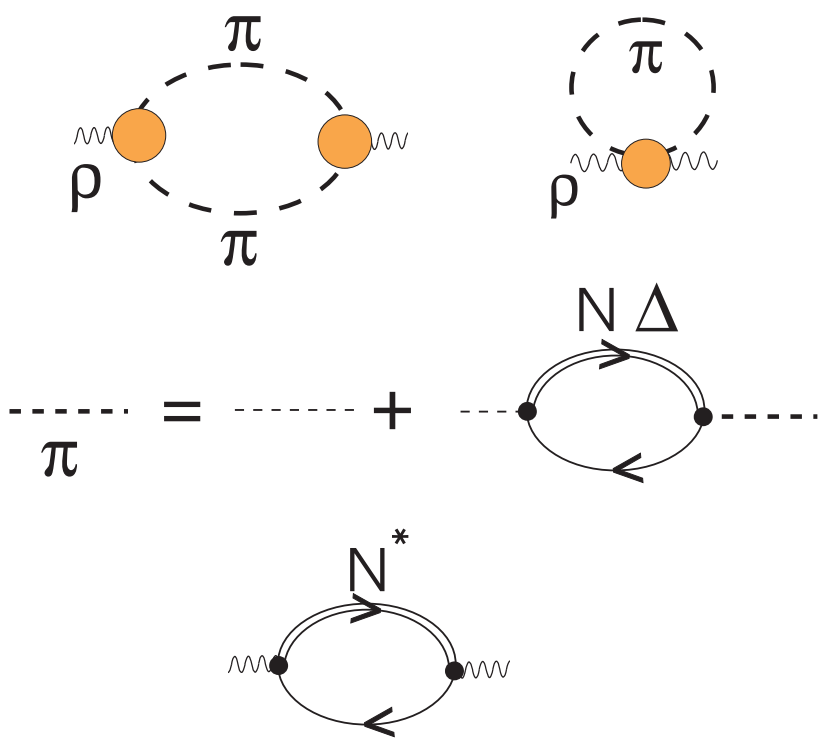
The ρ Meson in the Medium

Resonance broadening expected from:

- thermal effects ($N_\pi / N_B \sim 5$)
- baryons ($\rho_B \sim 1 - 2\rho_0$)

in-medium selfenergy:

- change of the pion dispersion relation
- direct coupling to N^*-Resonances