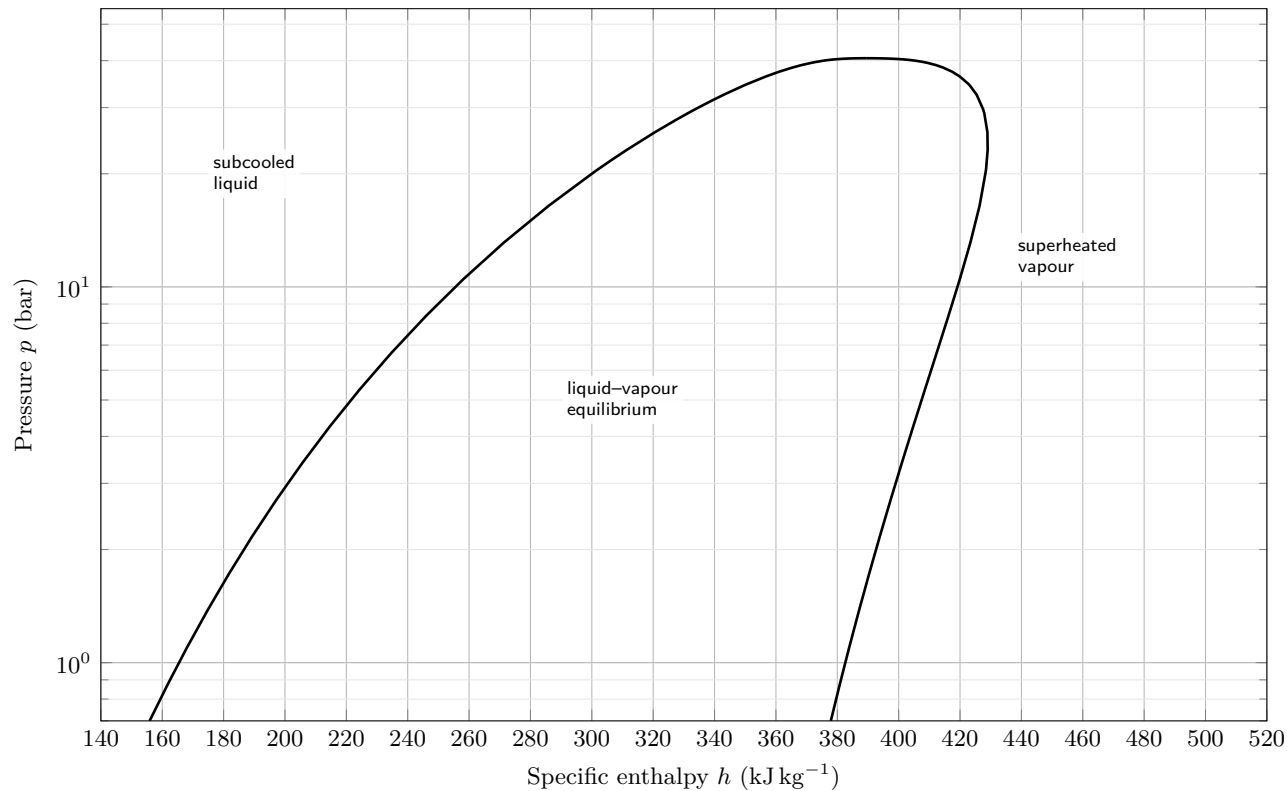
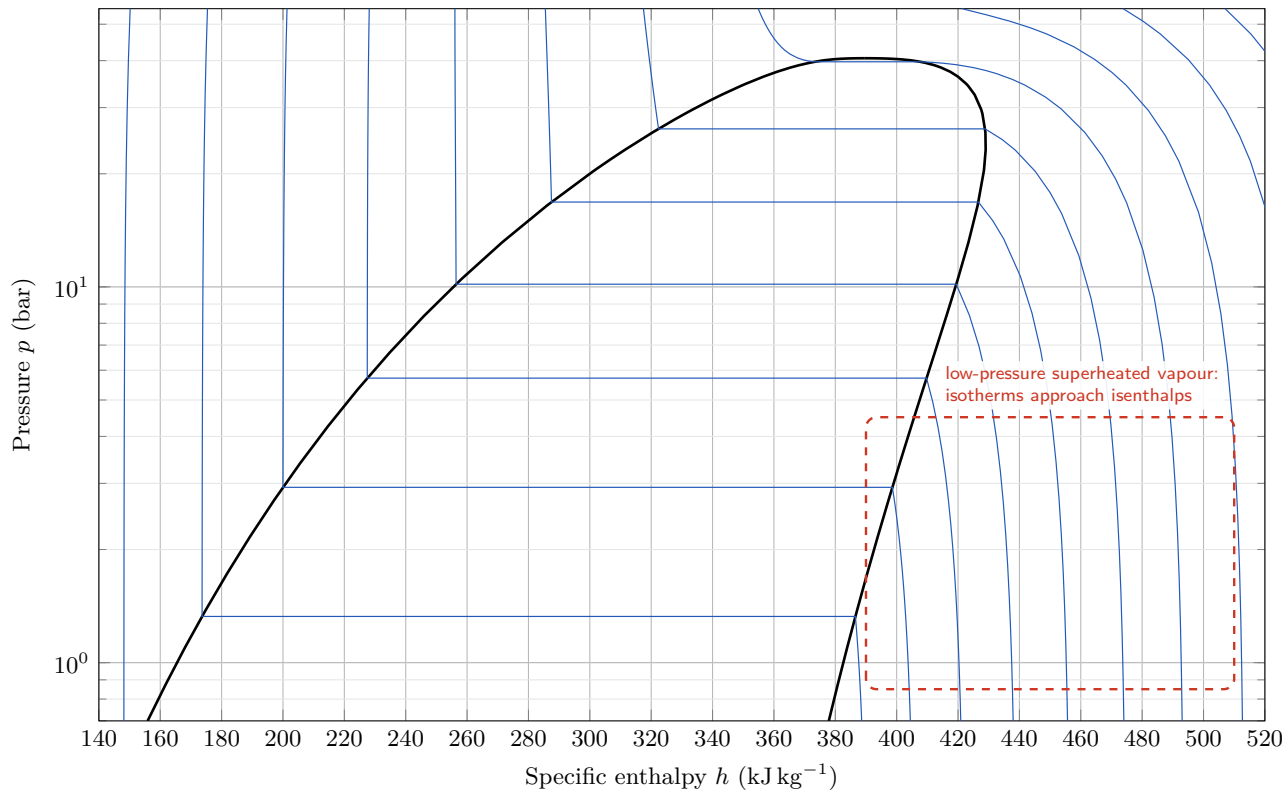


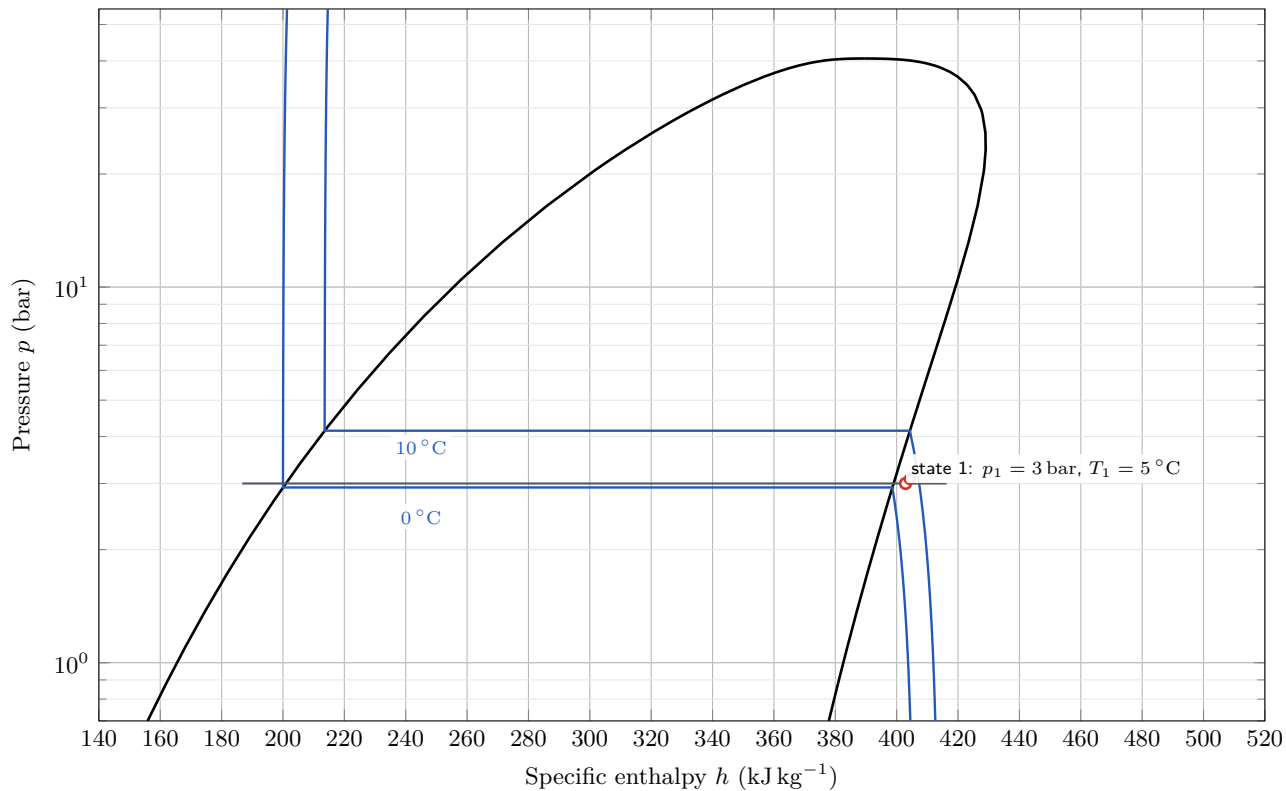
Phase regions



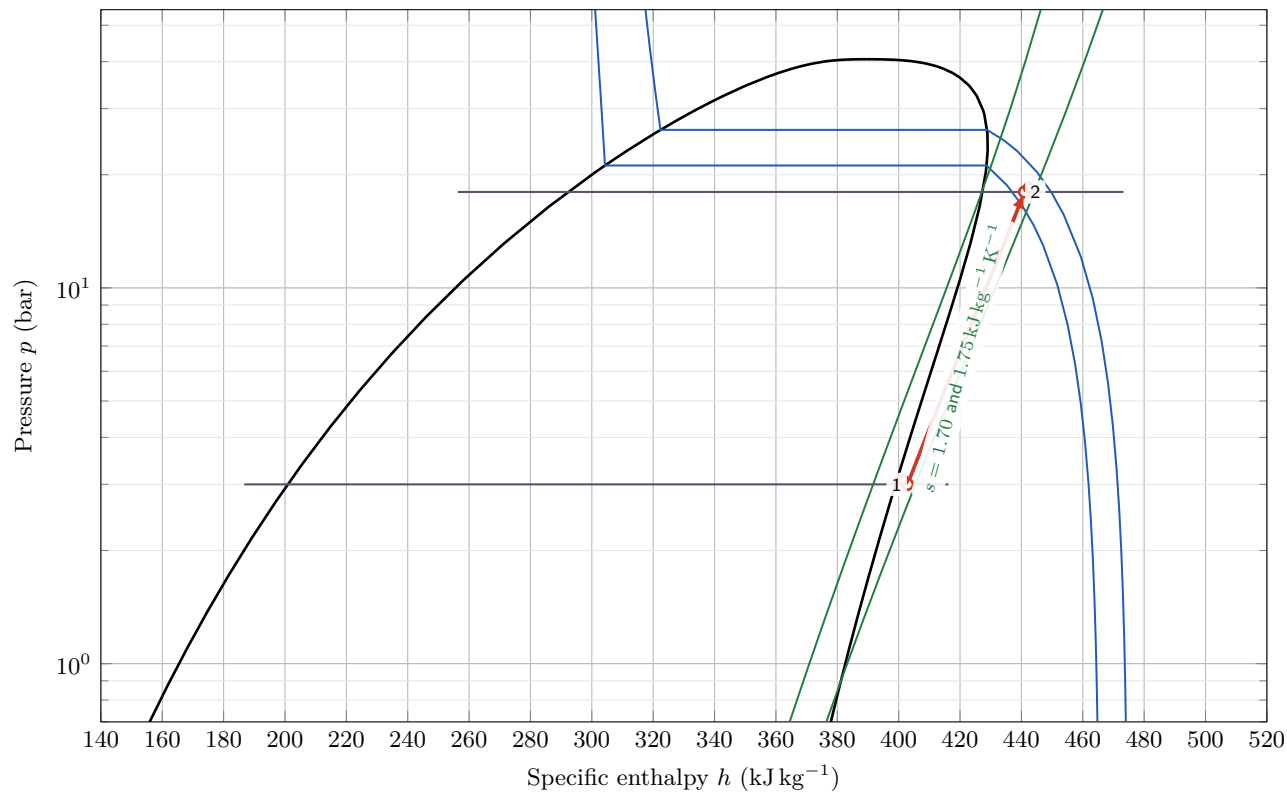
Where the ideal-gas approximation becomes plausible



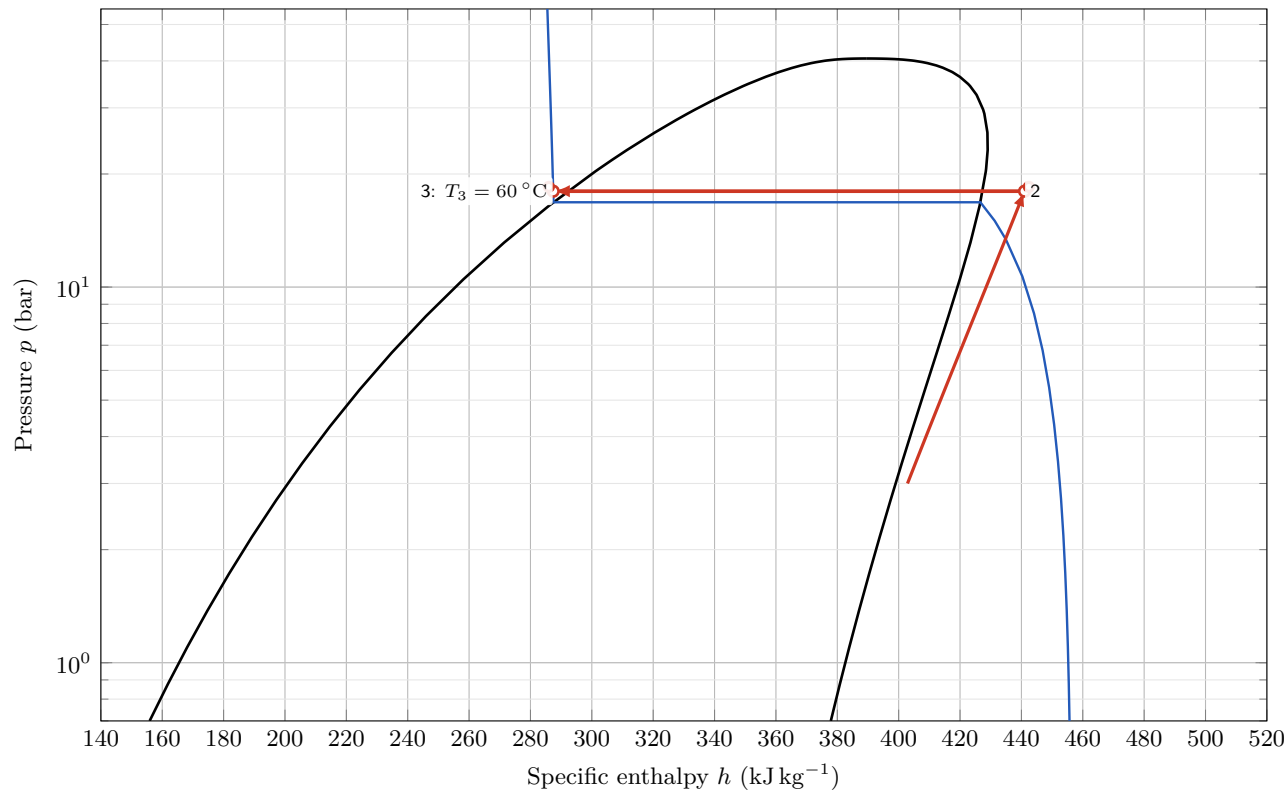
Locating state 1 from pressure and temperature



Following the isentropic compression to state 2



Locating state 3 after isobaric cooling



Complete R134a air-conditioning cycle

