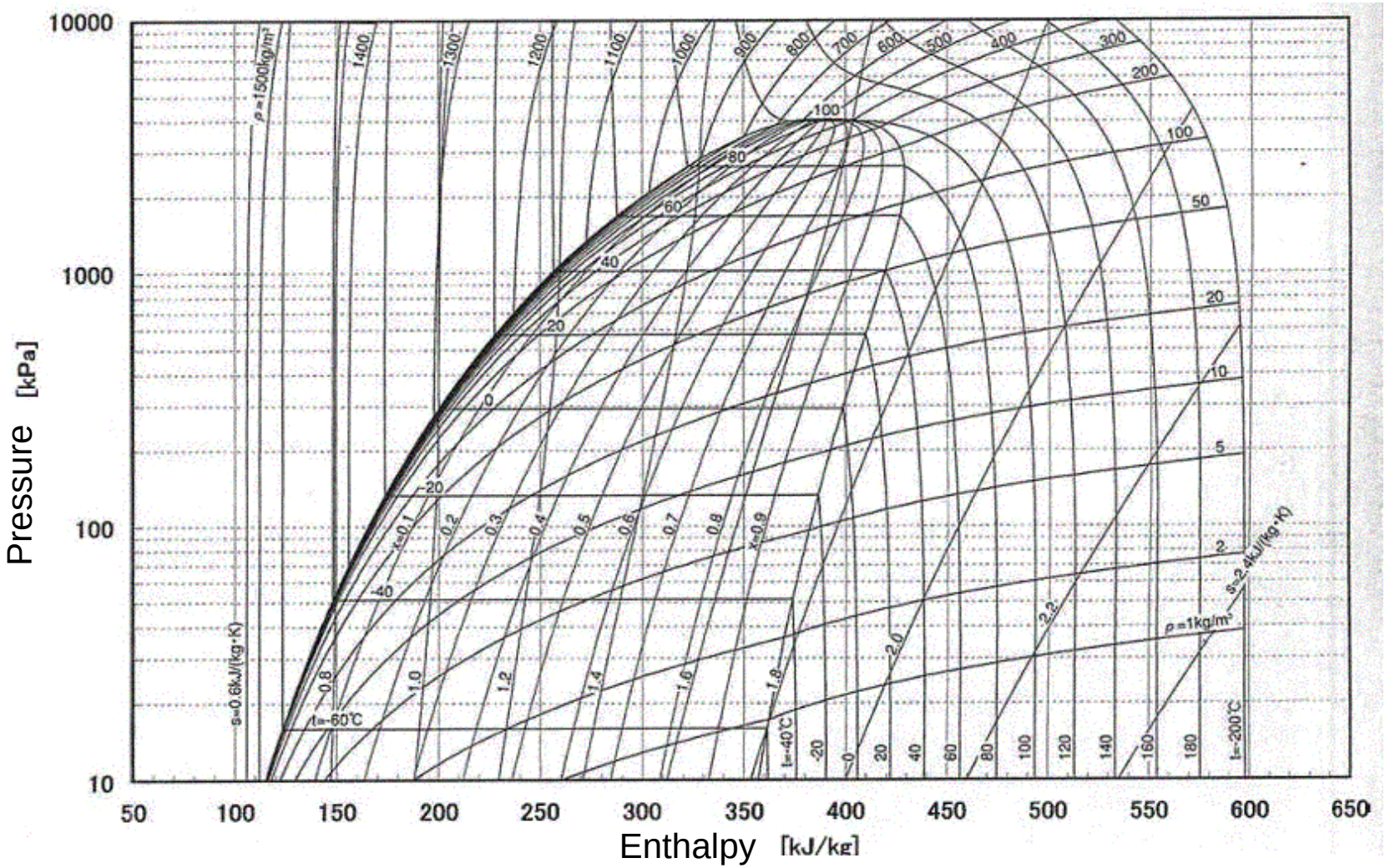**Pressure-enthalpy diagram**