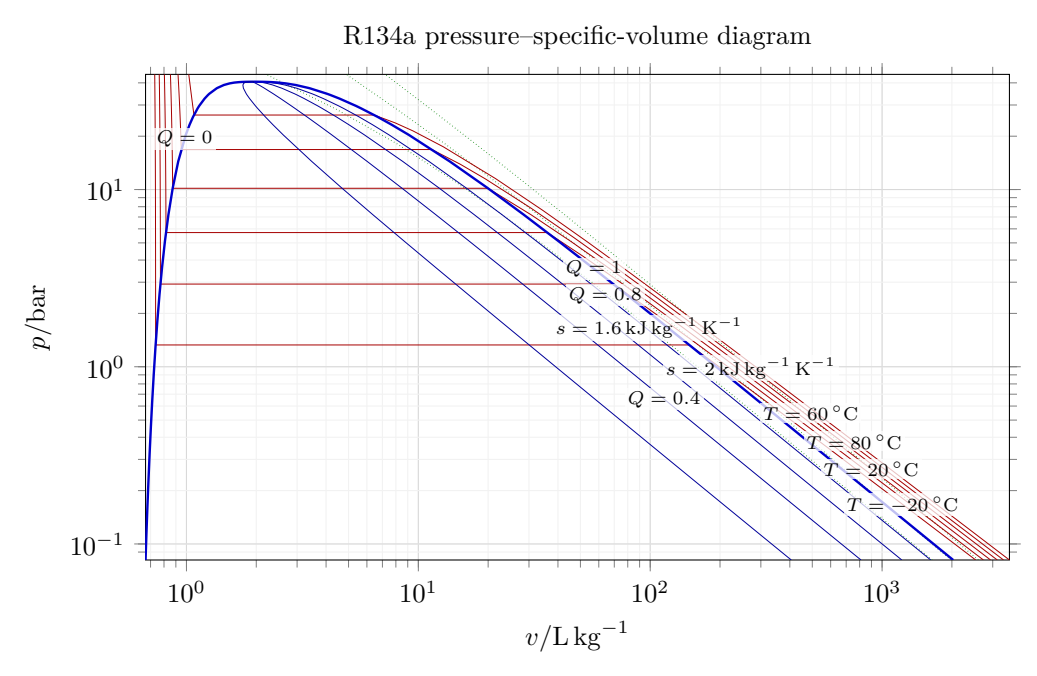

R134a pressure–specific-volume diagram
$Q = 0$
$Q = 1$
$Q = 0.8$
$s = 1.6\,\mathrm{kJ\,kg^{-1}\,K^{-1}}$
$s = 2\,\mathrm{kJ\,kg^{-1}\,K^{-1}}$
$Q = 0.4$
$T = 60\,^\circ\mathrm{C}$
$T = 80\,^\circ\mathrm{C}$
$T = 20\,^\circ\mathrm{C}$
$T = -20\,^\circ\mathrm{C}$
p/bar
10^{-1}
10^{0}
10^{1}
10^{0}
10^{1}
10^{2}
10^{3}
$v/\mathrm{L\,kg^{-1}}$