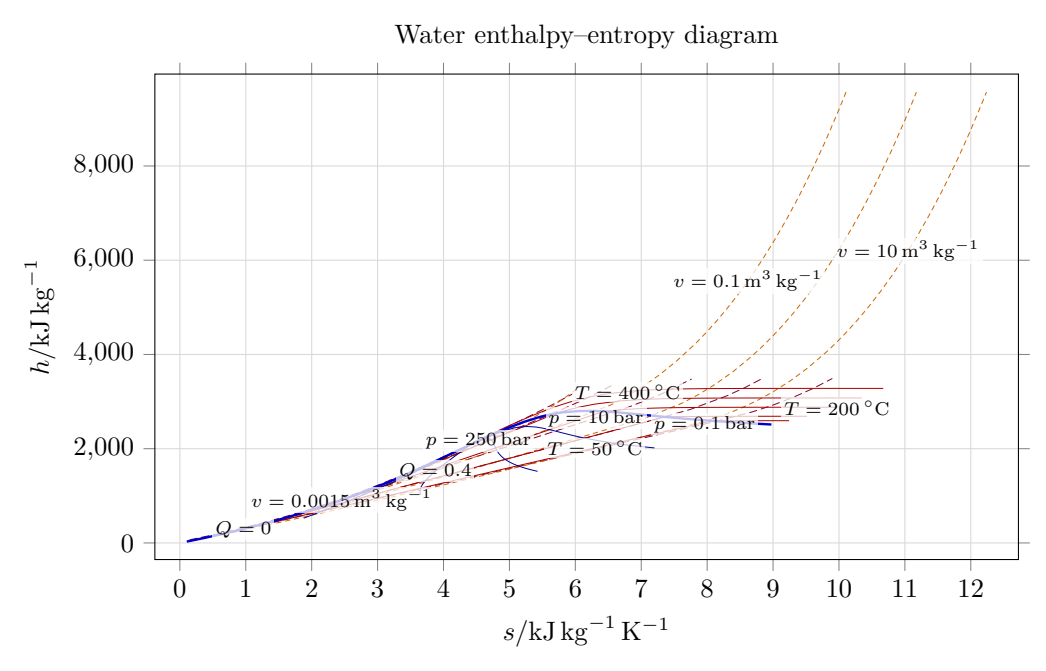

Water enthalpy–entropy diagram
h/kJ kg^{-1}
s/kJ kg^{-1} K^{-1}
0
2,000
4,000
6,000
8,000
0
1
2
3
4
5
6
7
8
9
10
11
12
$Q = 0$
$Q = 0.4$
$v = 0.0015\,\mathrm{m^3\,kg^{-1}}$
$p = 250\,\mathrm{bar}$
$p = 10\,\mathrm{bar}$
$p = 0.1\,\mathrm{bar}$
$T = 400\,^\circ\mathrm{C}$
$T = 200\,^\circ\mathrm{C}$
$T = 50\,^\circ\mathrm{C}$
$v = 0.1\,\mathrm{m^3\,kg^{-1}}$
$v = 10\,\mathrm{m^3\,kg^{-1}}$