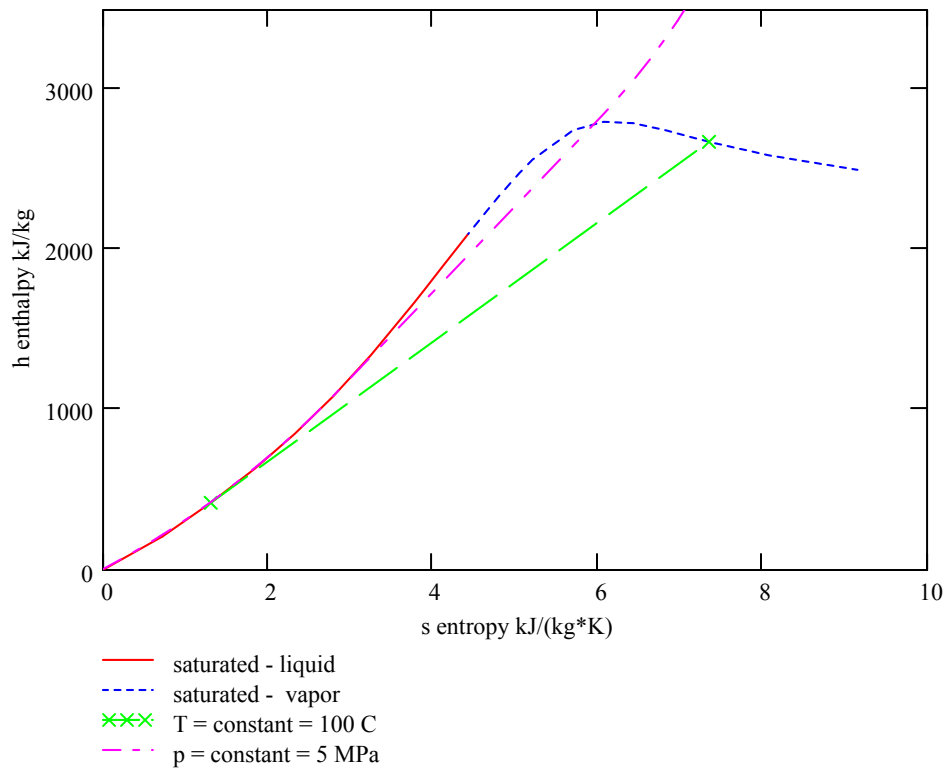
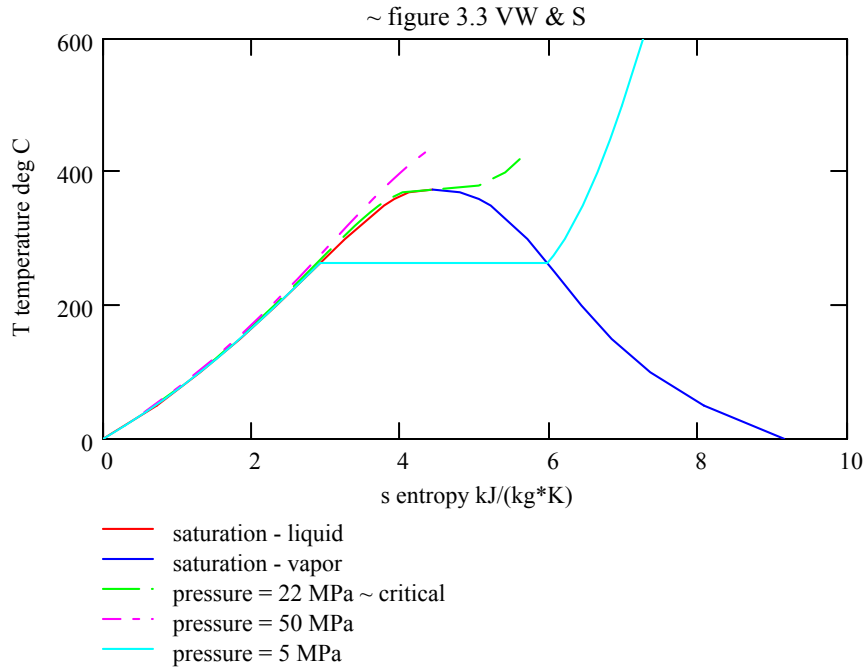


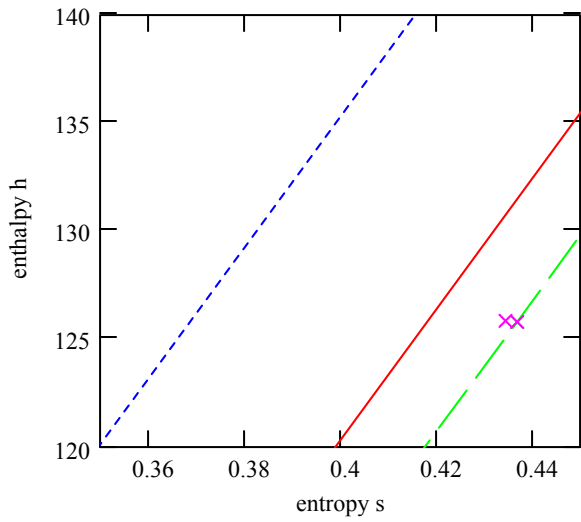
Properties of Water

a k a Thermodynamic Properties of Working Fluids with Phase change

discussion of water properties, T s diagram, stauration, phase change, h - s diagram critical pressure

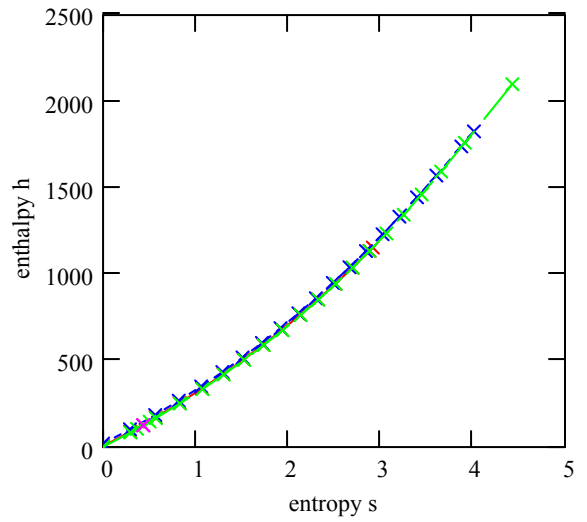


h - s diagram
 $120 < T < 140$
 $0.35 < s < 0.45$

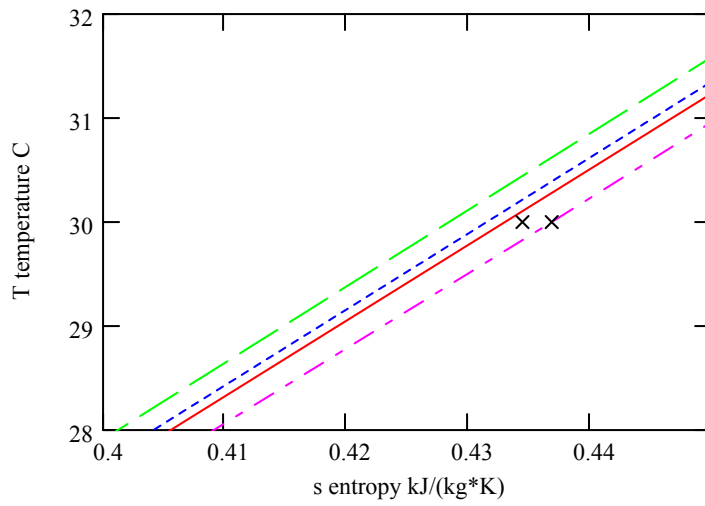


- *** p = 5 MPa
- *** p = 20 MPa
- *** saturated liquid
- *** trace 4

h - s diagram
 whole range



- *** p = 5 MPa
- *** p = 20 MPa
- *** saturated liquid
- *** trace 4



- p = 5 MPa
- - - p = 10 MPa
- - - p = 20 MPa
- - - saturated liquid
- xxx trace 5

T - s diagram
 $28 < T < 32$
 $0.4 < s < 0.45$