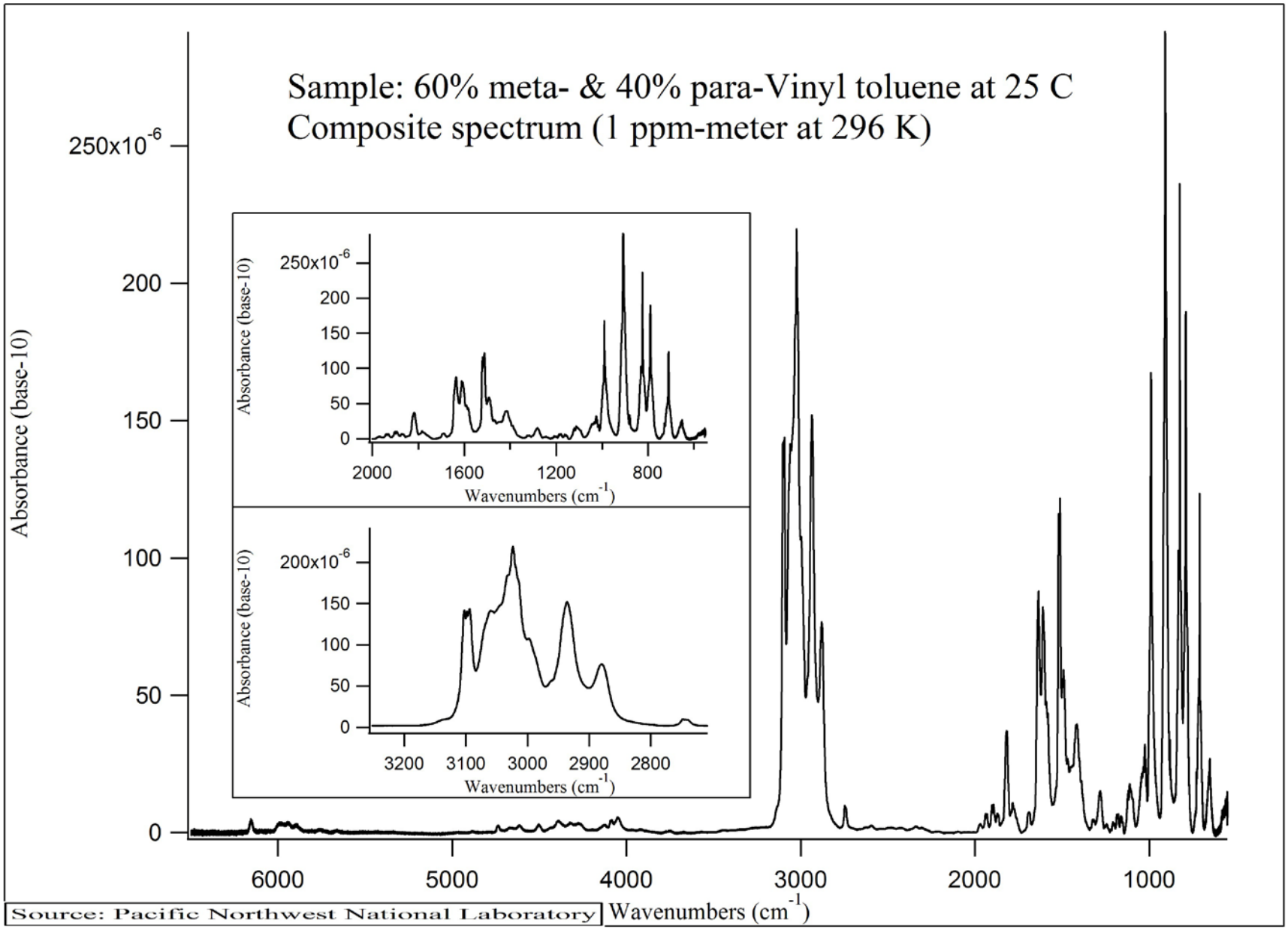
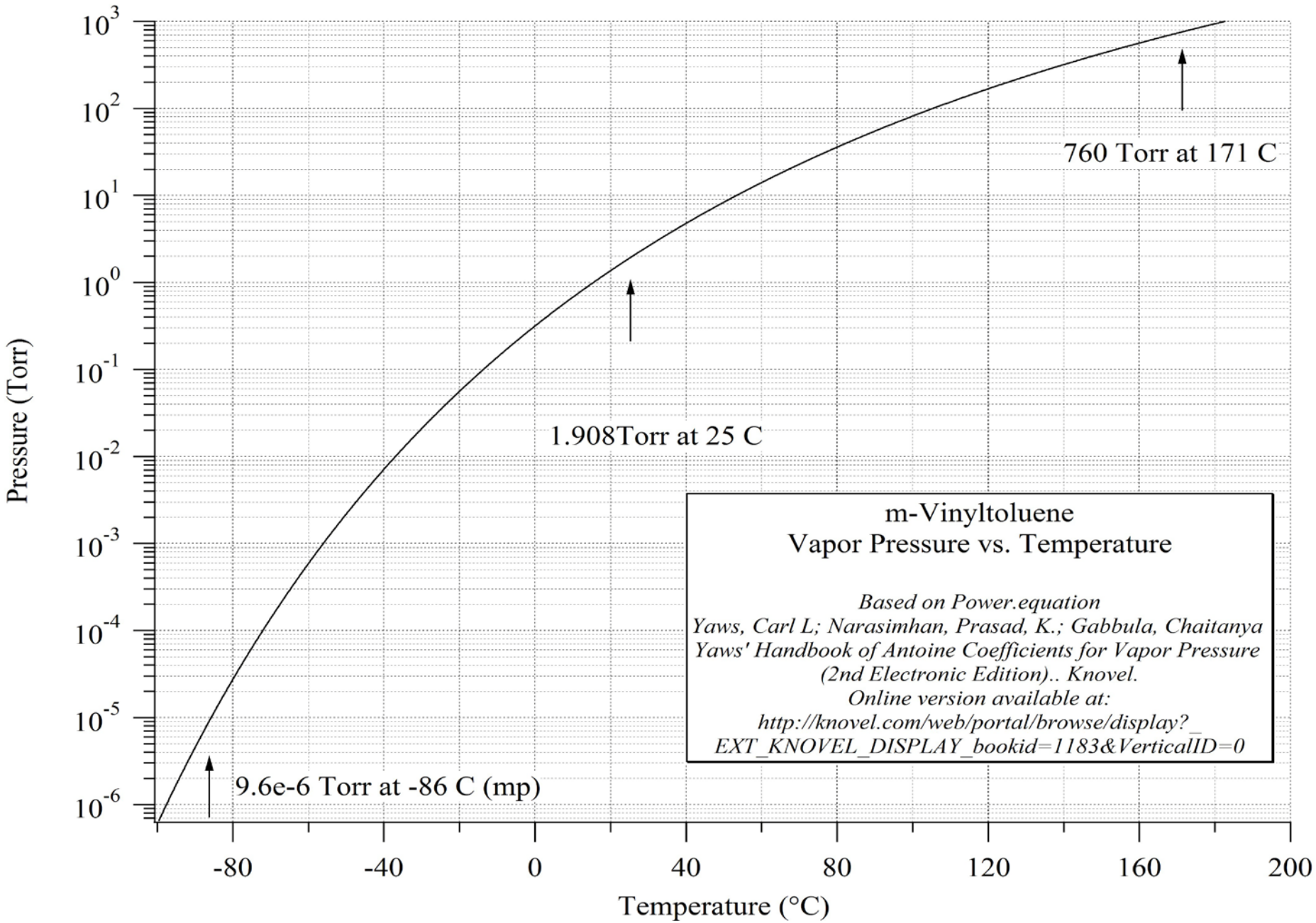

Sample: 60% meta- & 40% para-Vinyl toluene at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
250x10-6
200
150
100
50
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
Absorbance (base-10)
250x10-6
200
150
100
50
0
2000
1600
1200
800
Wavenumbers (cm-1)
Absorbance (base-10)
200x10-6
150
100
50
0
3200
3100
3000
2900
2800
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


m-Vinyltoluene
Vapor Pressure vs. Temperature
Based on Power.equation
Yaws, Carl L; Narasimhan, Prasad, K.; Gabbula, Chaitanya
Yaws' Handbook of Antoine Coefficients for Vapor Pressure
(2nd Electronic Edition).. Knovel.
Online version available at:
http://knovel.com/web/portal/browse/display?_
EXT_KNOVEL_DISPLAY_bookid=1183&VerticalID=0
760 Torr at 171 C
1.908Torr at 25 C
9.6e-6 Torr at -86 C (mp)
Pressure (Torr)
Temperature (°C)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
-80
-40
0
40
80
120
160
200