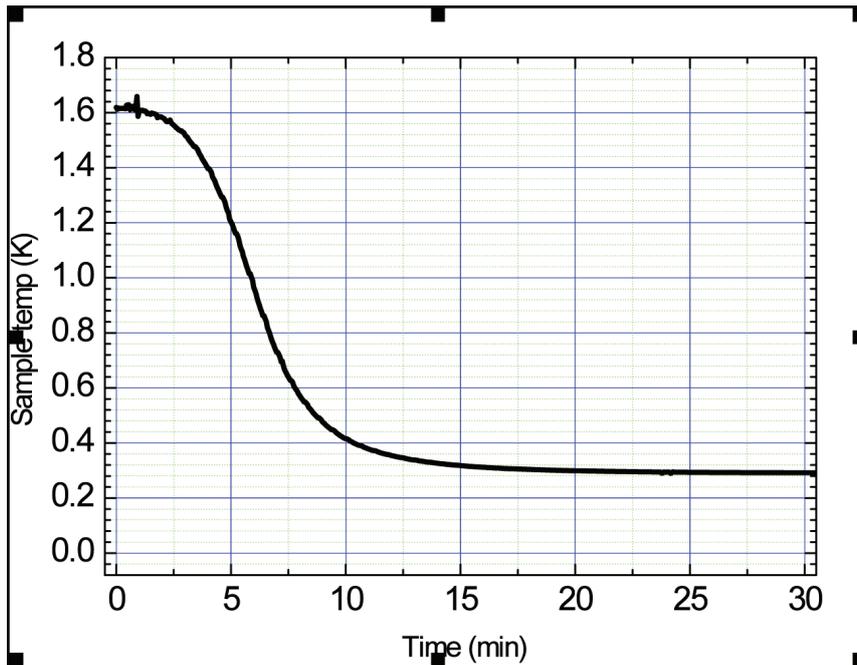


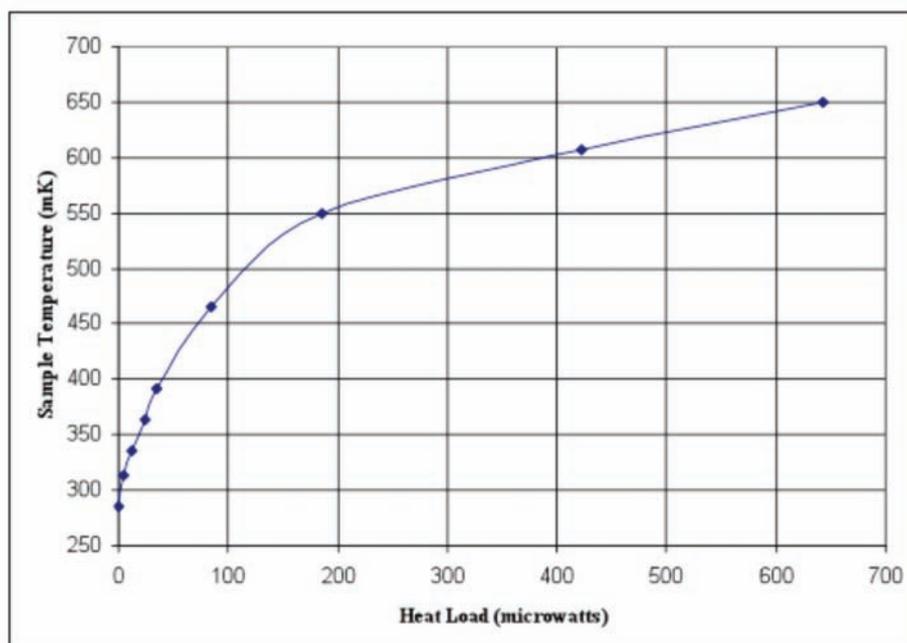
He-3 Sample Probe (300 mK)

Measurement Data

Data that shows the cool down of a sample from 1.6K (VTI base temperature) to a helium-3 pot base temperature of less than 300mK.



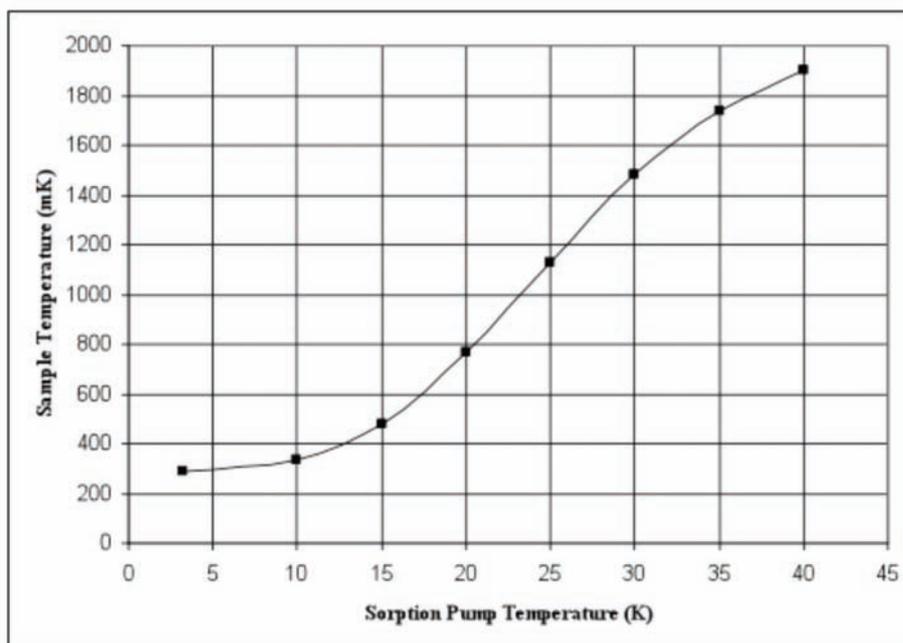
The sample temperature of the helium-3 probe as a function of the applied heat load.



He-3 Sample Probe (300 mK)

Measurement Data

Data that shows the relationship between the Main sorption pump temperature and the sample temperature of the helium-3 pot down to base temperature.



Data shows the magnetoresistance, $R(B)/R(0)$, curves for a CX-1030 thermometer in a swept field up to 16T at various stepped temperatures down to 0.3K. The curves show progressively increasing magnetoresistance as the temperature is reduced below about 2K. At 4.4K the magnetoresistance is practically linear and the magnetoresistance effect can be assumed to be negligible above this temperature.

2688n Magnetoresistance calibration curves for CX-1030

