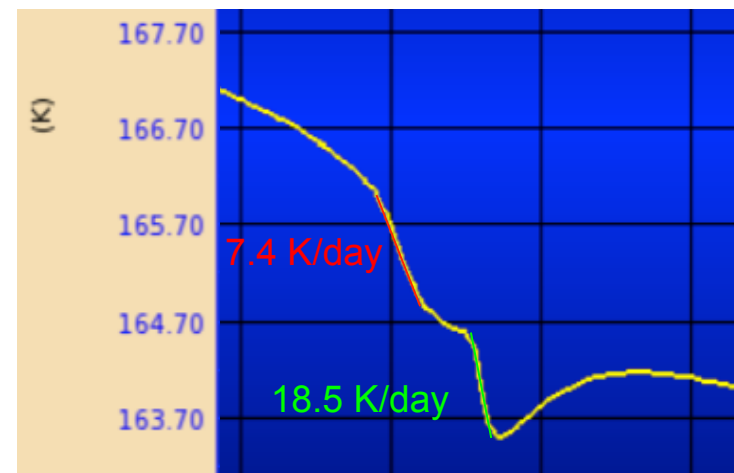
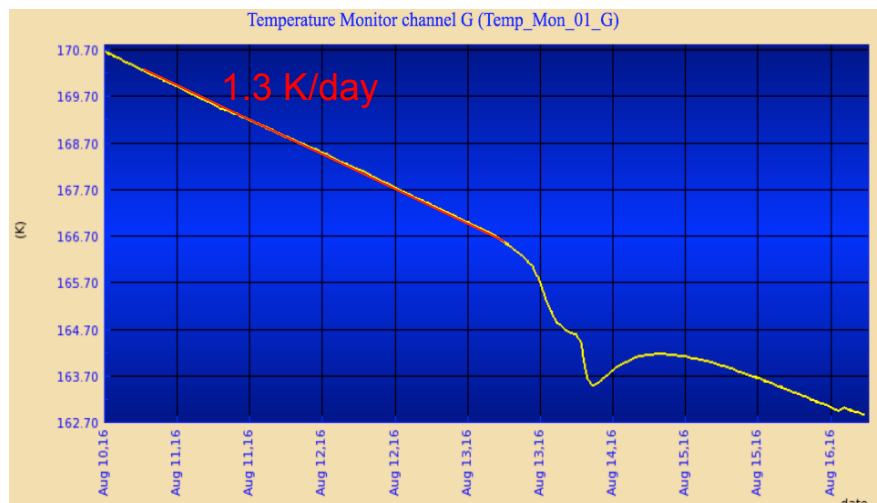


Nathan's Update

08/16/16

Underground

Initial trials with the condenser look promising barring a few dewar and check valve problems.



Underground Cont.

Nitrogen is in high demand so we were unable to get any Sunday or Monday however today we got enough to last overnight.

Working on reserving enough nitrogen for the next 8 days with underground access to enable use of condenser for full 8 days.

Final two days underground are Wednesday and Thursday

Return flight is August 19, this Friday, in the morning.

Neutron Calibration

Ran simulation with source in the correct position using the flat neutron spectrum and the AmBe spectrum.

Will have plots for next week.

Currently working through issues regarding making the source a “gun” where it outputs in a cone.

Rat is interpreting the gun parameters as spectrum parameters.