

Nathan's Update

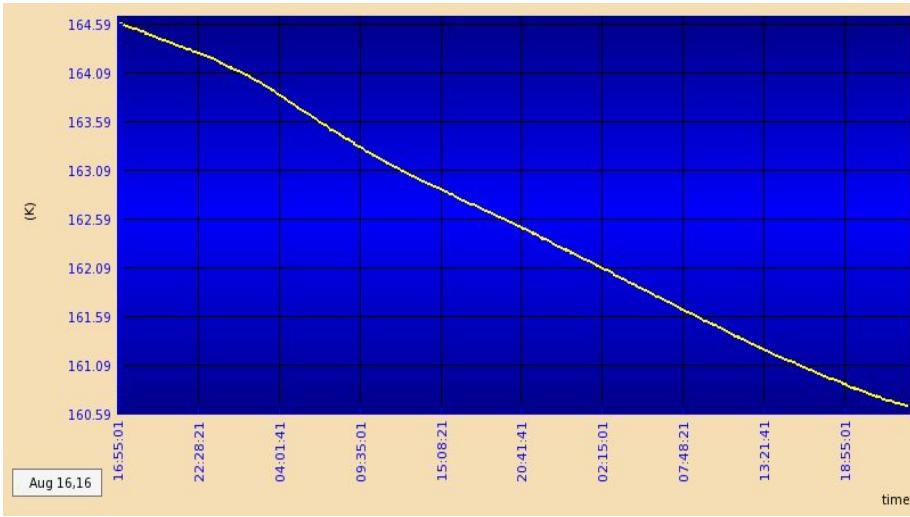
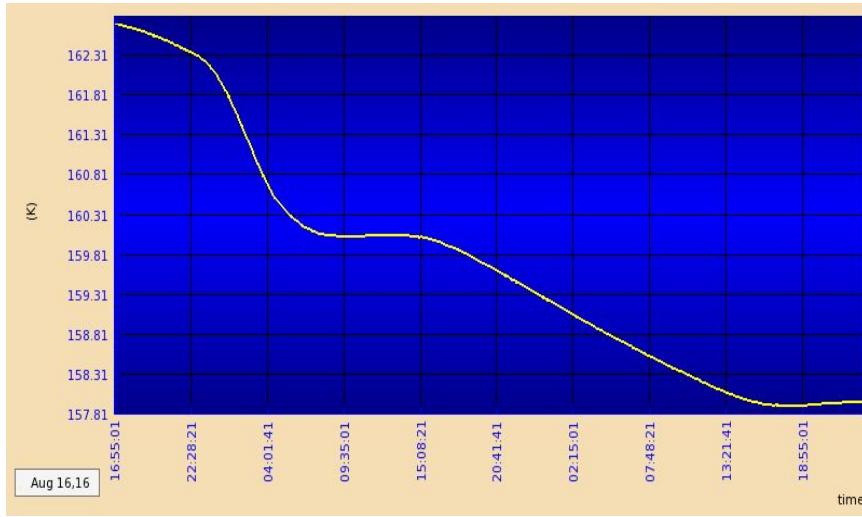
08/23/16

Underground

Condenser use went smoothly for rest of the week.

- Able to run continuously for ~60 hours
- Average cooling rate throughout all sensors ~2.3K/day
- Use nitrogen at ~200 Liters/day once the condenser is cool

Underground Cont.



Neutron Calibration

Resolved problem of not getting any triggered events

After a few preliminary tests, getting ~3 triggered events per 1000 when source is placed outside the outer vessel.

-This is with neutrons only being emitted in a cone toward the detector

Source in center of detector sees ~120 triggered events per 100 for comparison