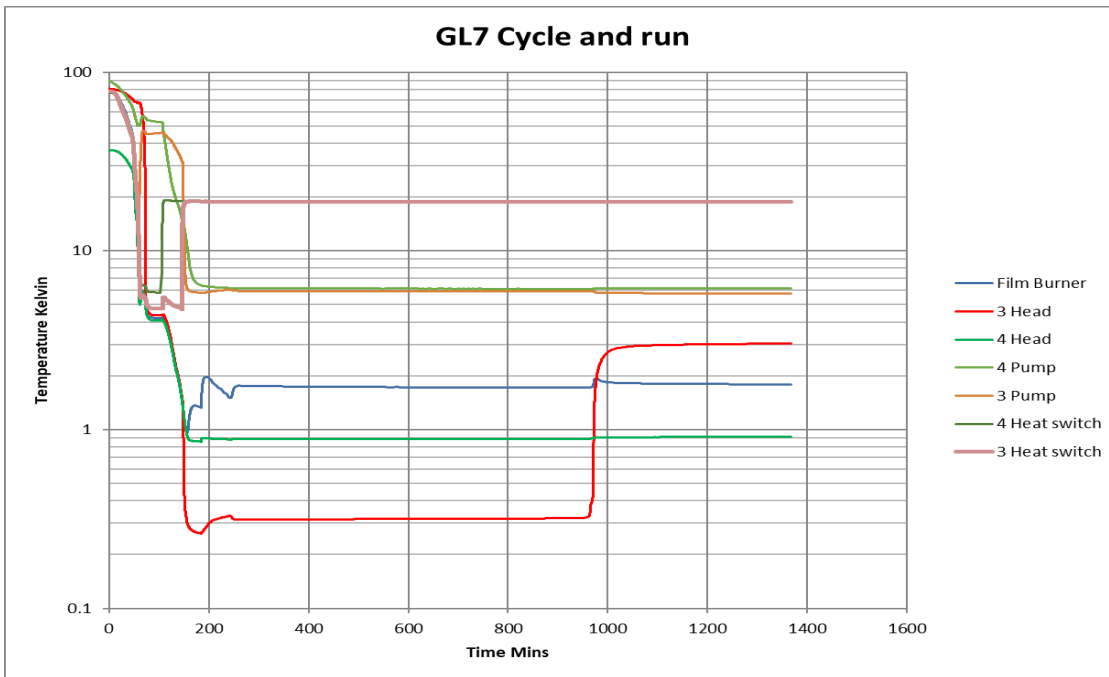




### PERFORMANCE NOTES FOR THE GL7 SORPTION COOLER

The GL7 two-stage sorption cooler is a single-shot cooler that is designed to interface to a low-power GM cryocooler. Here are some typical run data for a small (2 litre  $^3\text{He}$ ) GL7 sorption cooler. With a  $100\mu\text{W}$  load on the 4-head and a  $30\mu\text{W}$  load on the 3-head, this size GL7 typically runs for more than 12 hours and will recycle in around 1 to 1.5 hour. We make larger GL7 systems to meet more demanding load / run time requirements.



And here is a typical load response for the 3-head. Note that the 4-head is also loaded throughout this test with  $100\mu\text{W}$ .

