

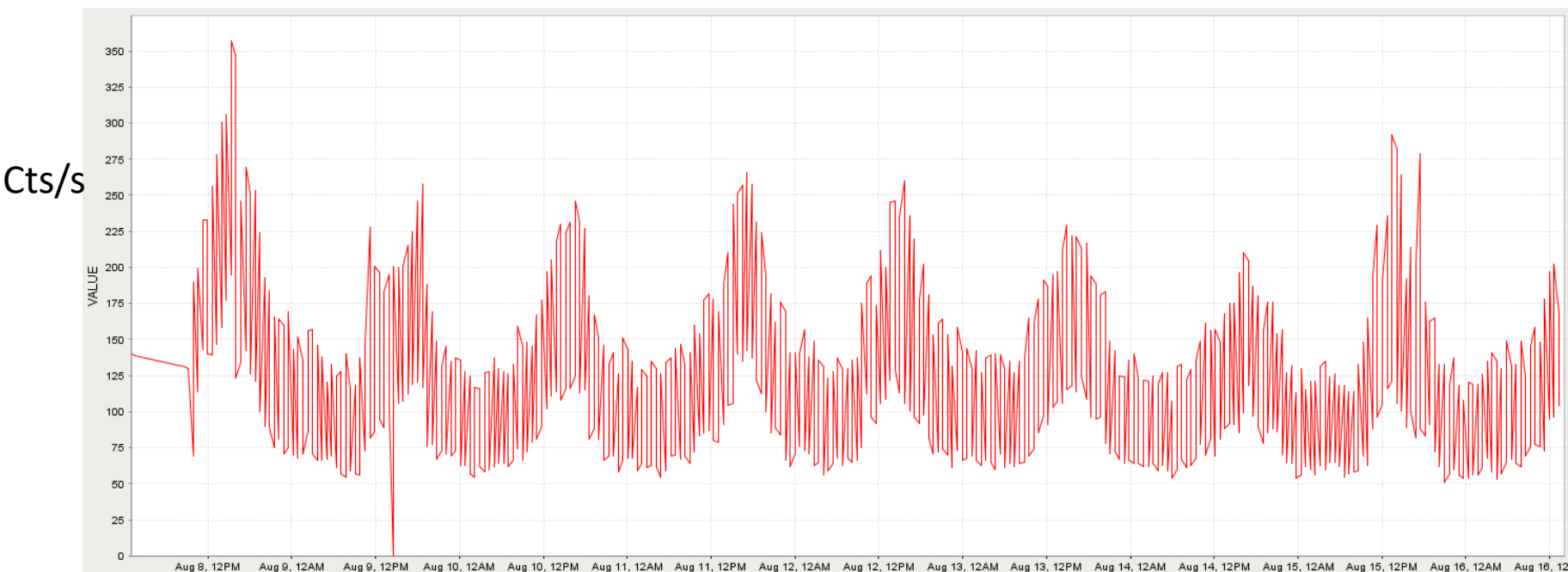
System Test status over LZ meeting

Setup

- Liquid between gate and annode
- Cathode at -37 kV
- Bottom at -1.5 kV
- Gate at -400 V

No rate spikes

- Cathode Voltage steady the whole time, I'd include the plot, but it's just a line.
- DAQ rate saw daily periodicity, but was stable. Slightly different last peak is when circulation was turned on yesterday.



Maintaining level

- Since the weir doesn't work to maintain liquid level, we manually controlled it.
 - We did this by increasing or decreasing the temperature in the wier reservoir slightly (<1 K).
 - This would cause some Xenon to flow out of (or into) the reservoir from the controlled main vessel

