

## Appendix A

# Appendix

### A.1 Staker-like replication with ultra-long duration

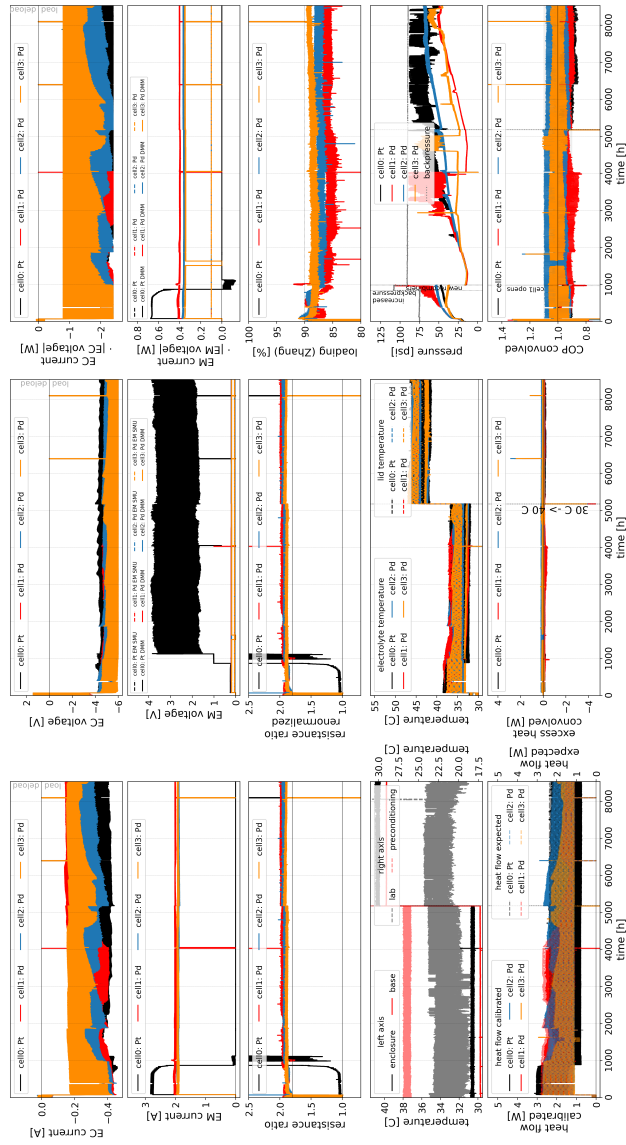


Fig. A.1: Full dataset for Staker-like ultra-long duration experiment.

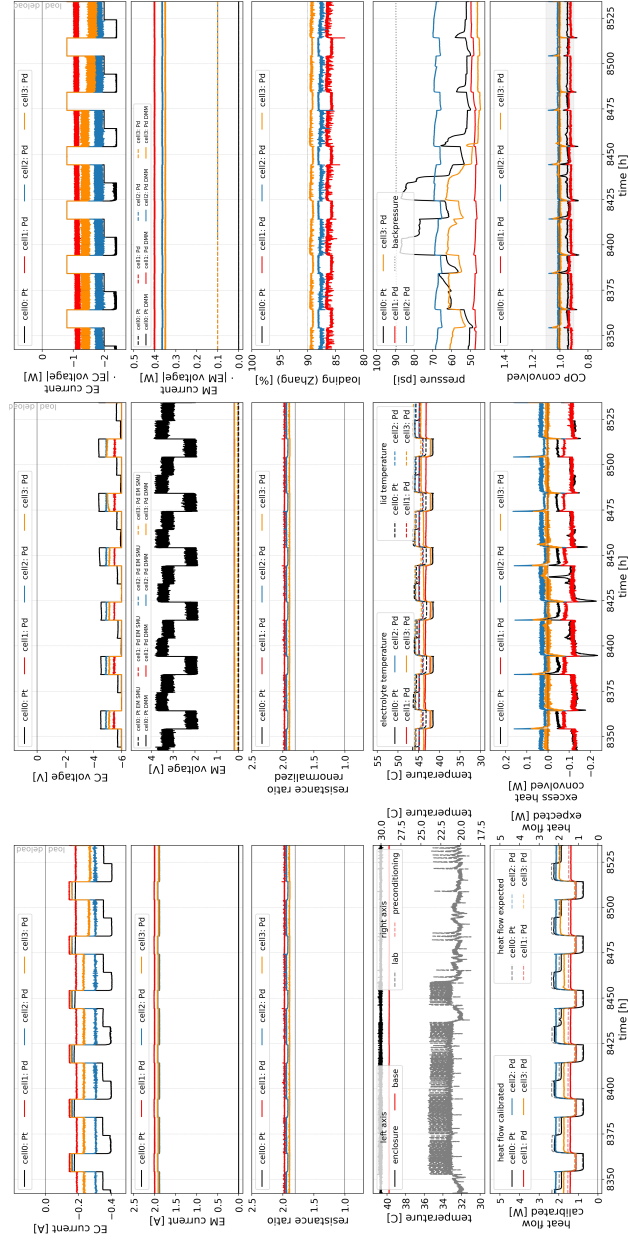


Fig. A.2: Zoom into an arbitrary week towards the end of the experiment shown in fig. A.1.

## A.2 Storms Replication

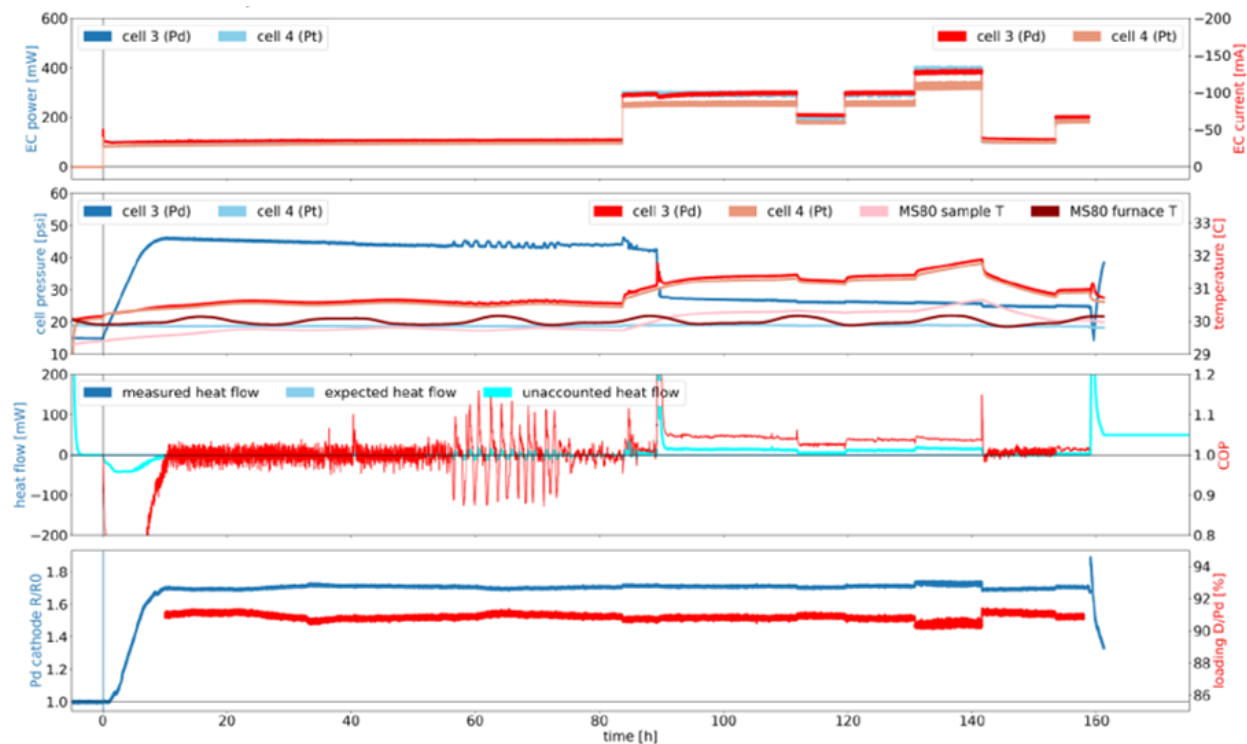


Fig. A.3: Overview of BE1137 showing experimental parameters, telemetry, and heat flow for cell pair 3,4.

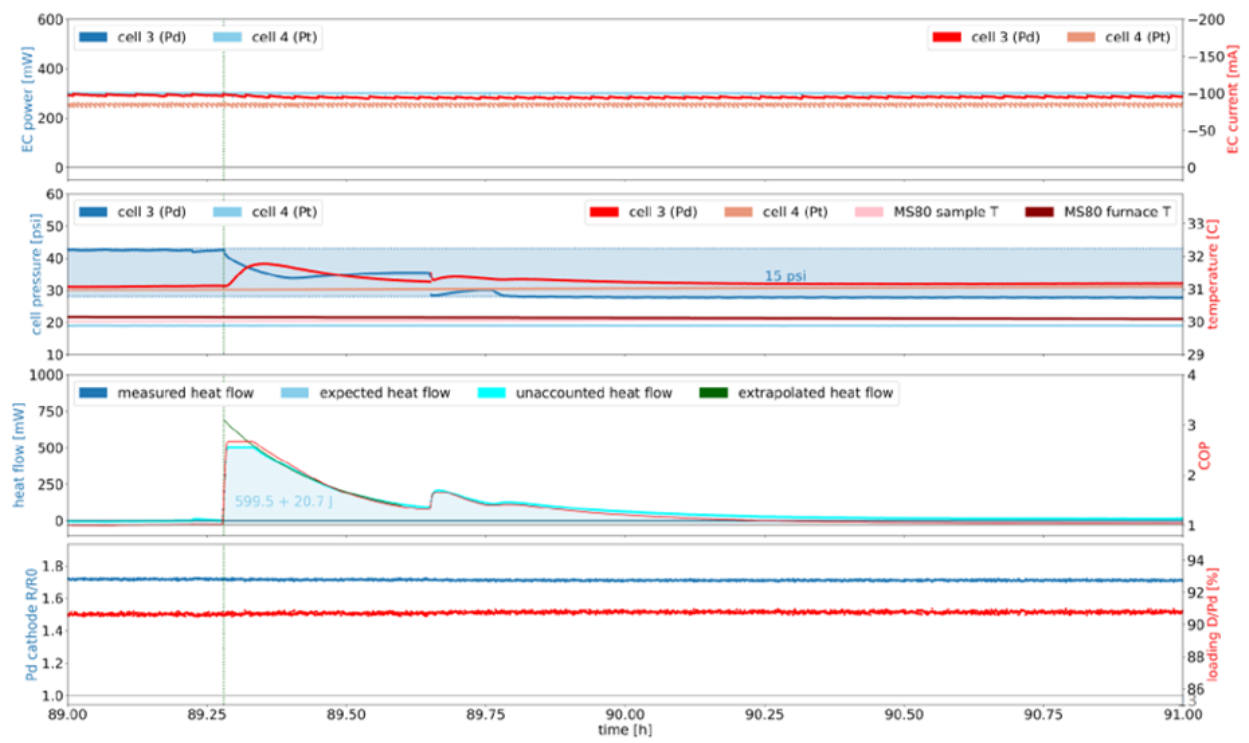


Fig. A.4: Overview of BE1137 showing experimental parameters, telemetry, and heat flow for cell pair 3,4.

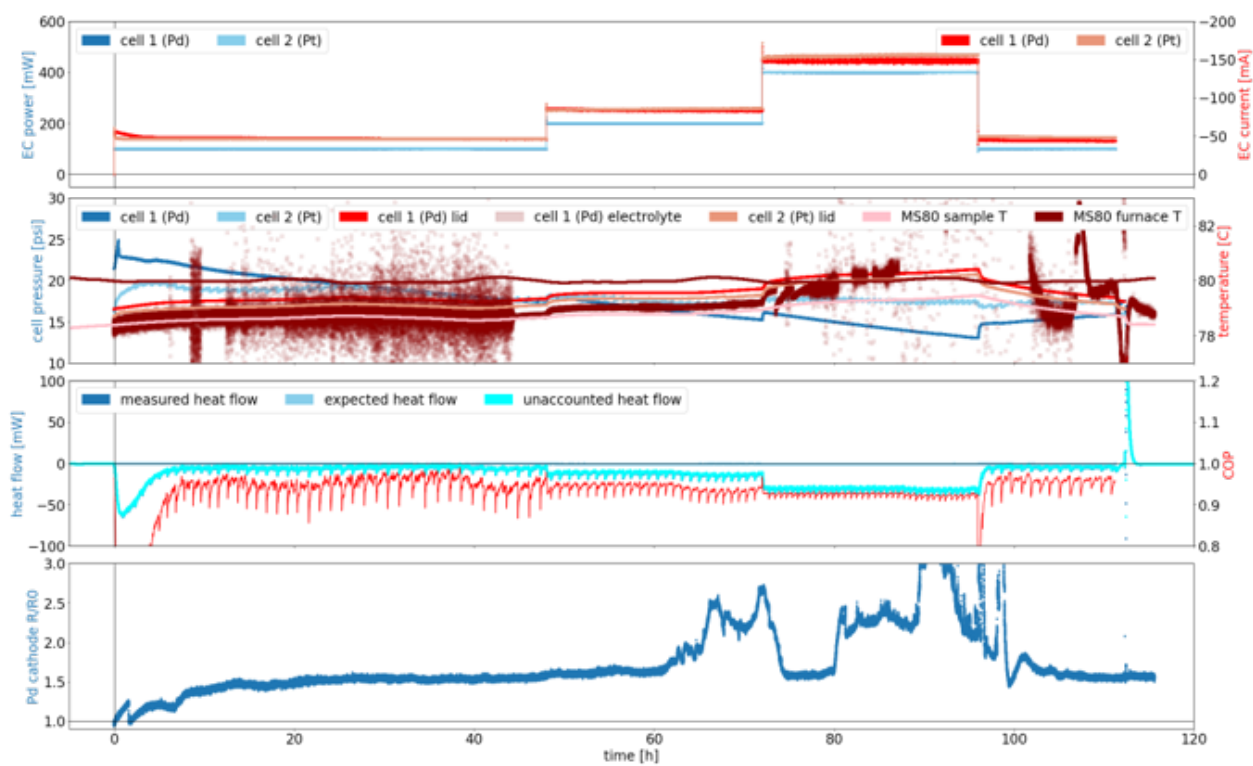


Fig. A.5: Overview of BE1137 showing experimental parameters, telemetry, and heat flow for cell pair 1,2.

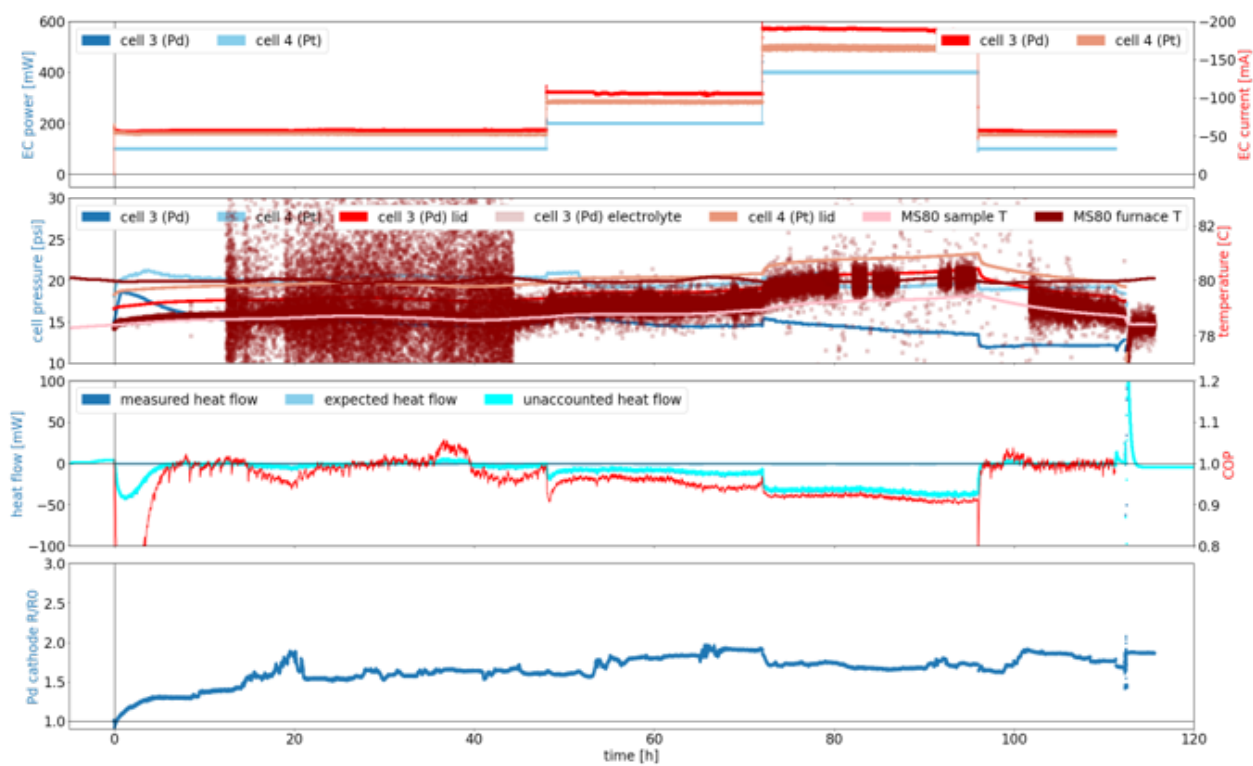


Fig. A.6: Overview of BE1137 showing experimental parameters, telemetry, and heat flow for cell pair 3,4.

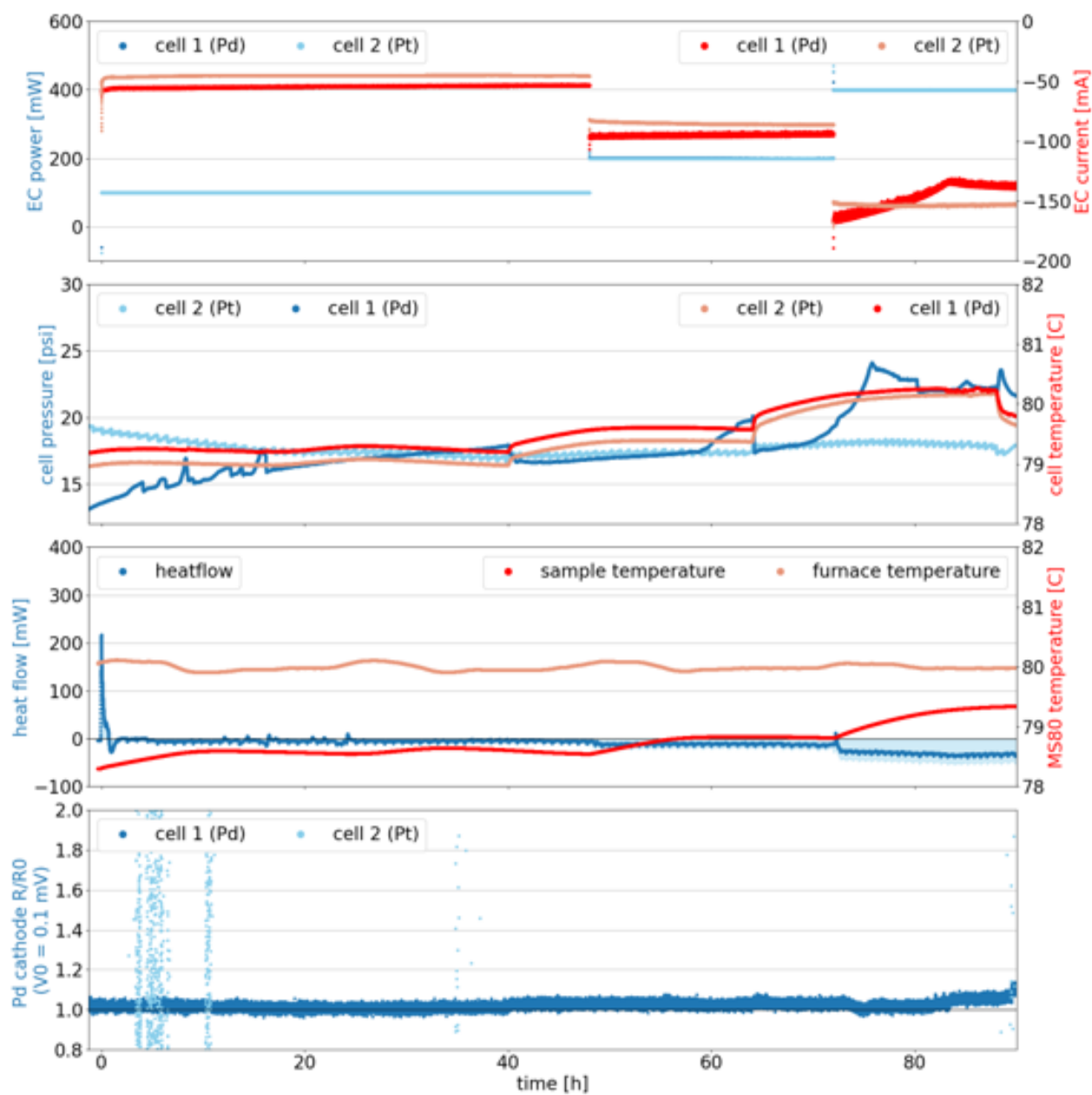


Fig. A.7: Overview of BE1199 showing experimental parameters, telemetry, and heat flow for cell pair 1,2.

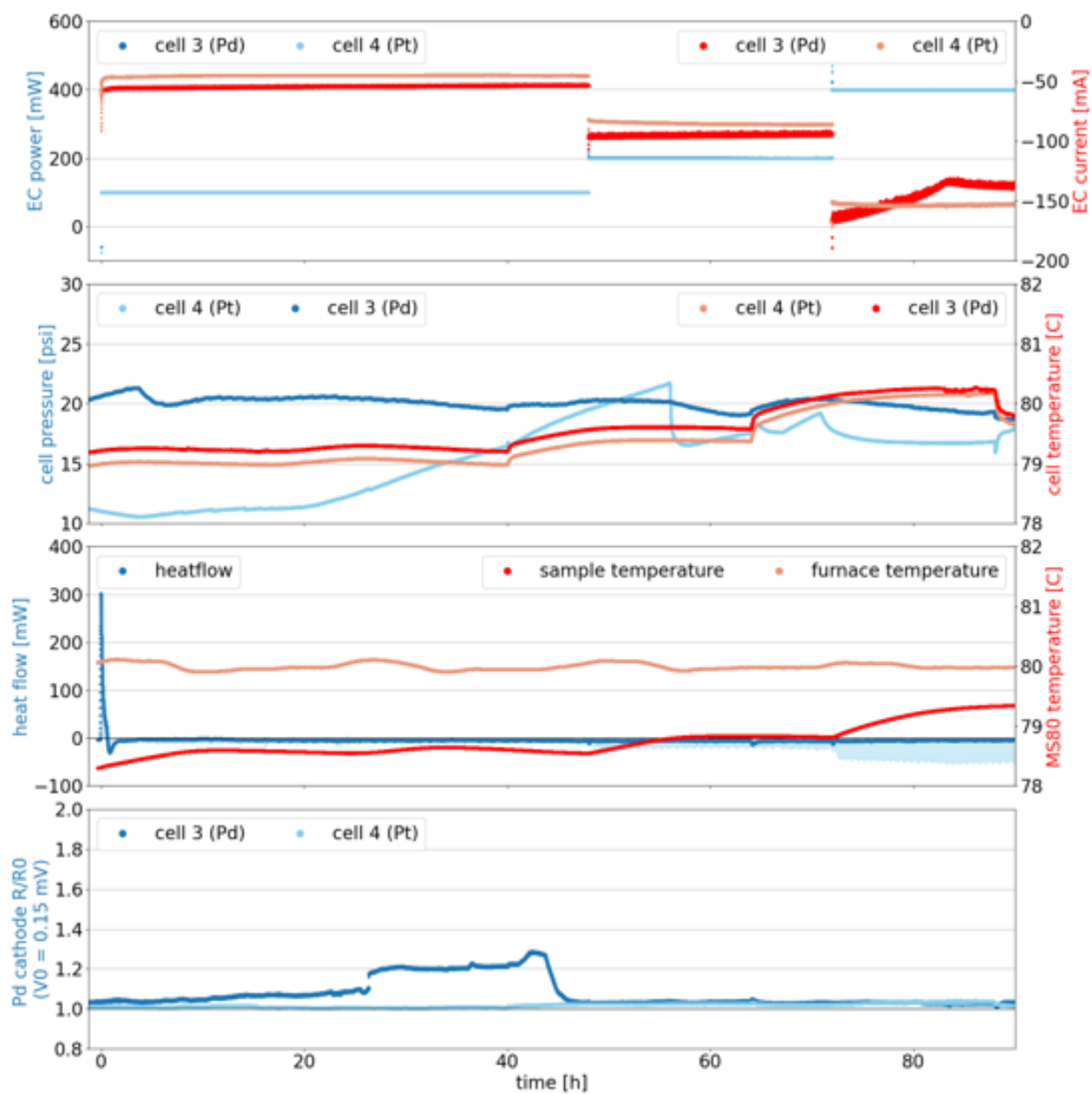


Fig. A.8: Overview of BE1199 showing experimental parameters, telemetry, and heat flow for cell pair 3,4.

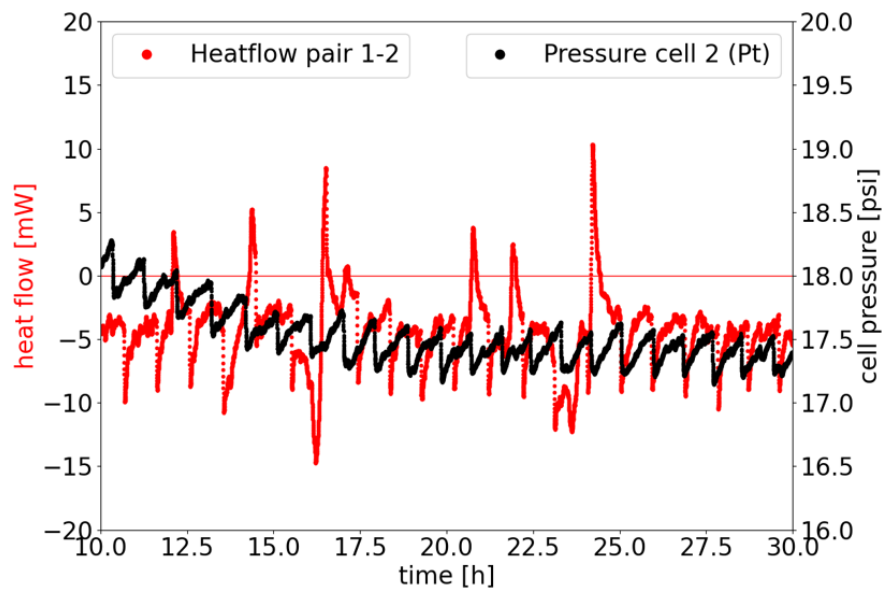


Fig. A.9: Zoom-in of oscillations observed in test BE1199.

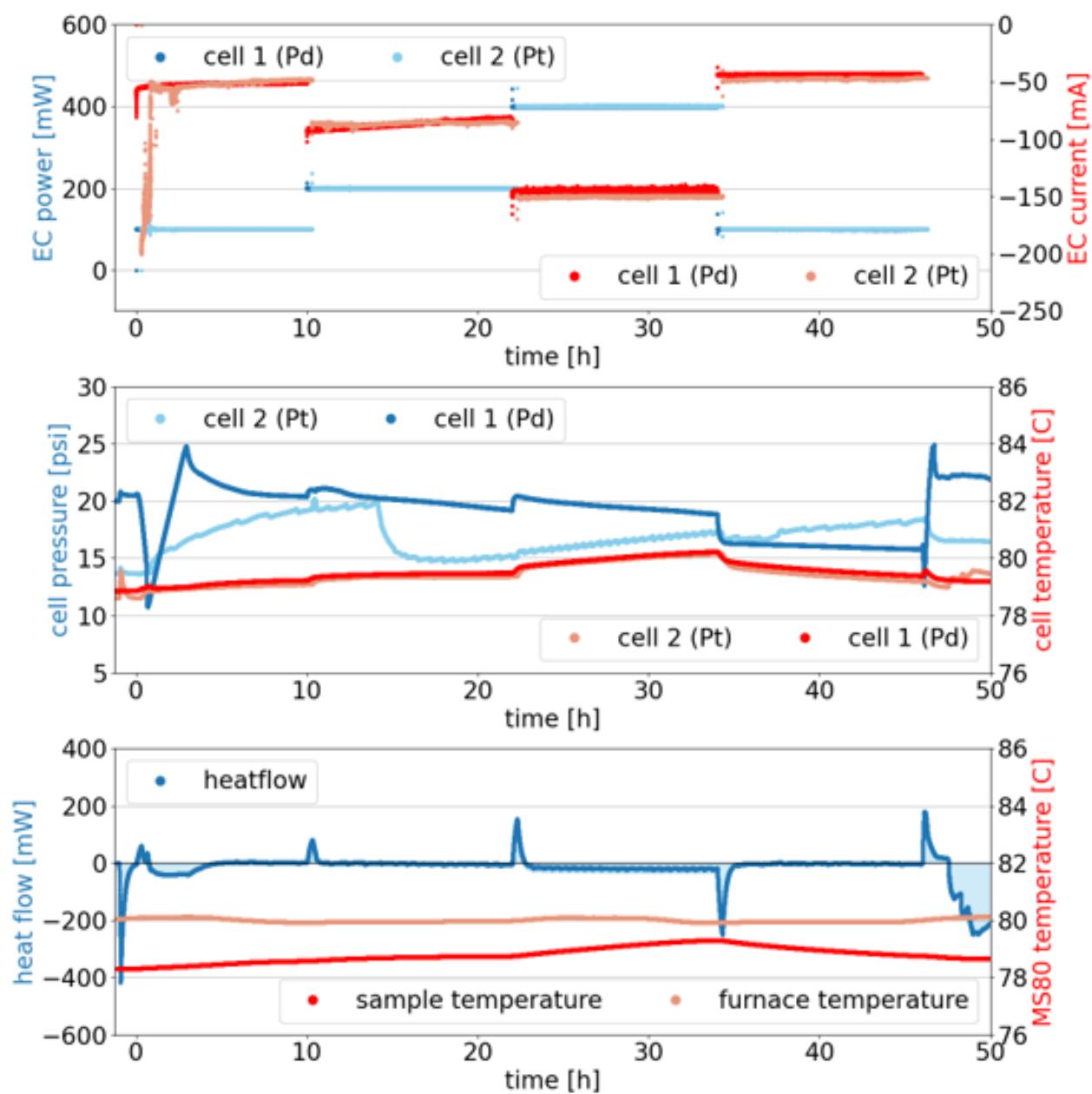


Fig. A.10: Overview of BE1226 showing experimental parameters, telemetry, and heat flow for cell pair 1,2.

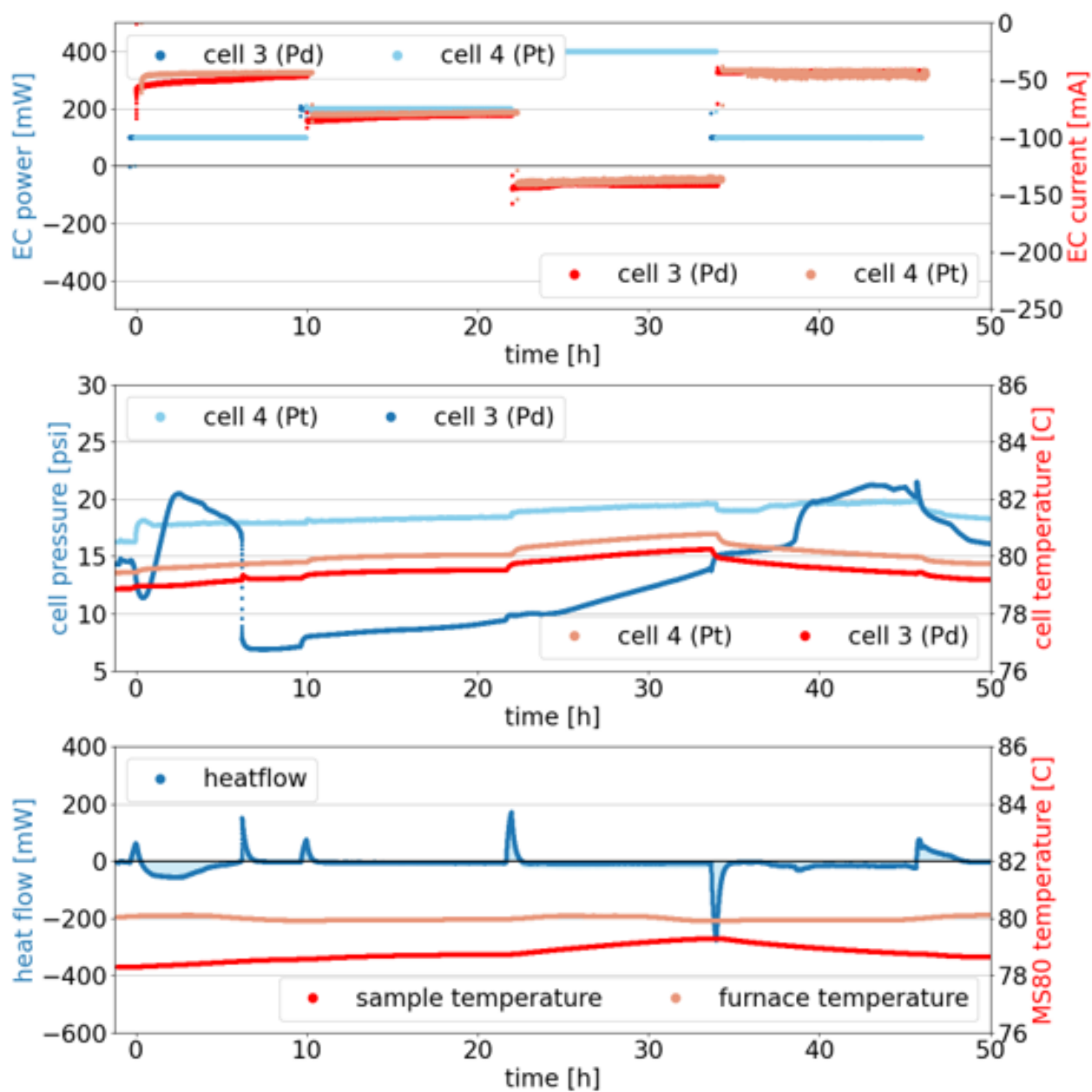


Fig. A.11: Overview of BE1226 showing experimental parameters, telemetry, and heat flow for cell pair 3,4.

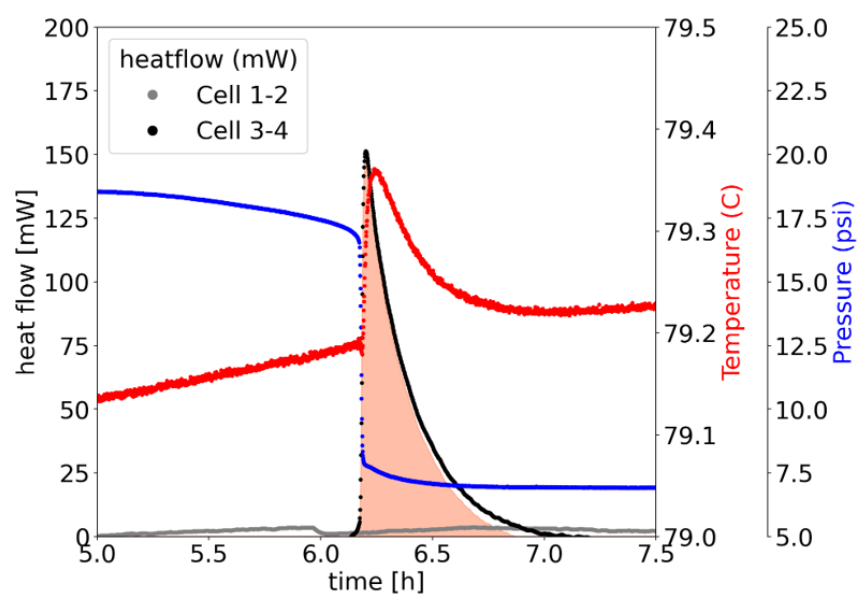


Fig. A.12: BE1226: Transient recombination leads to measured heat flow.

## A.3 Acknowledgments

The Callisto Electrochemical Research Team would like to acknowledge the following individuals for their invaluable contributions throughout the duration of this project. Their talent, dedication, and hard work were instrumental in making this endeavor possible:

[Redacted. Names may be added in a later revision of this document.]