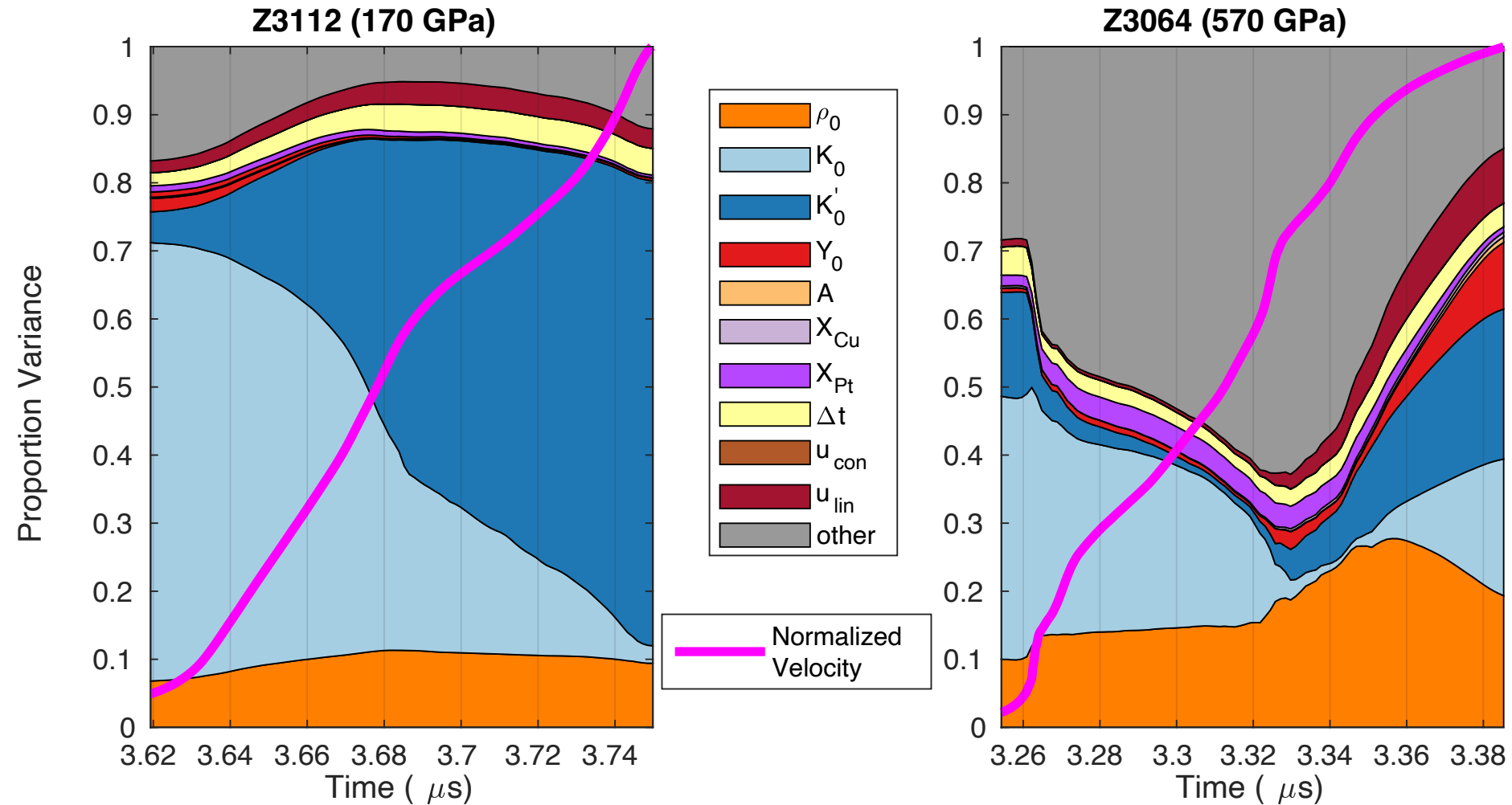


# Sensitivity Analysis



# Summary

- Functional metrics provide a global measure of the difference of a function in terms of amplitude and phase
- Integrated elastic functional metrics into Bayesian Model Calibration framework utilizing aligned data and shooting vector representation
- Demonstrated ability on simulated and tantalum equation of state calibration problems
- **Future Work**
  - Additional testing on real world examples