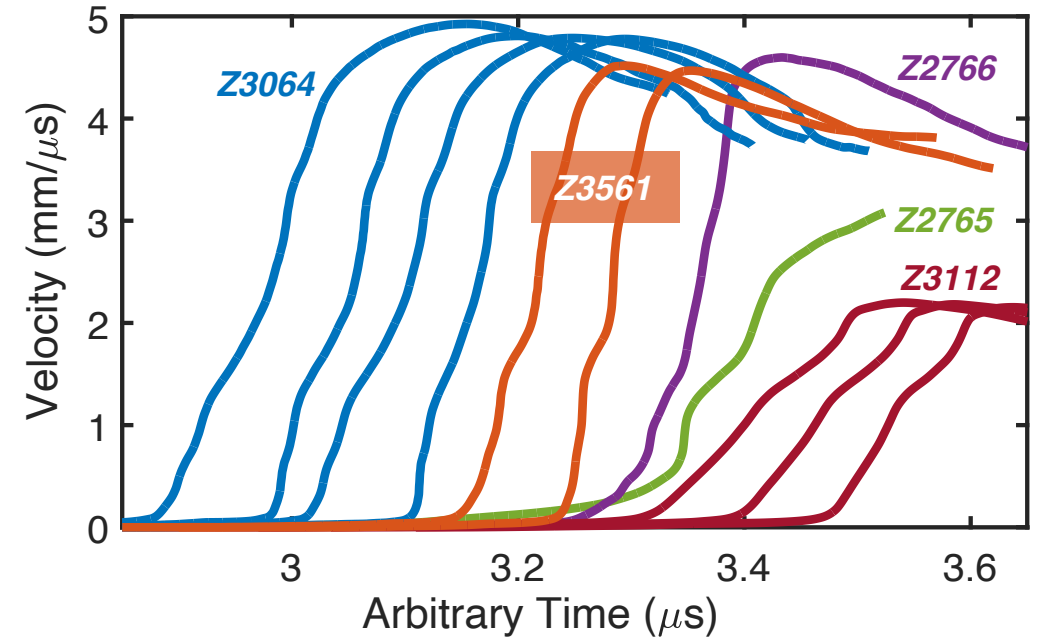
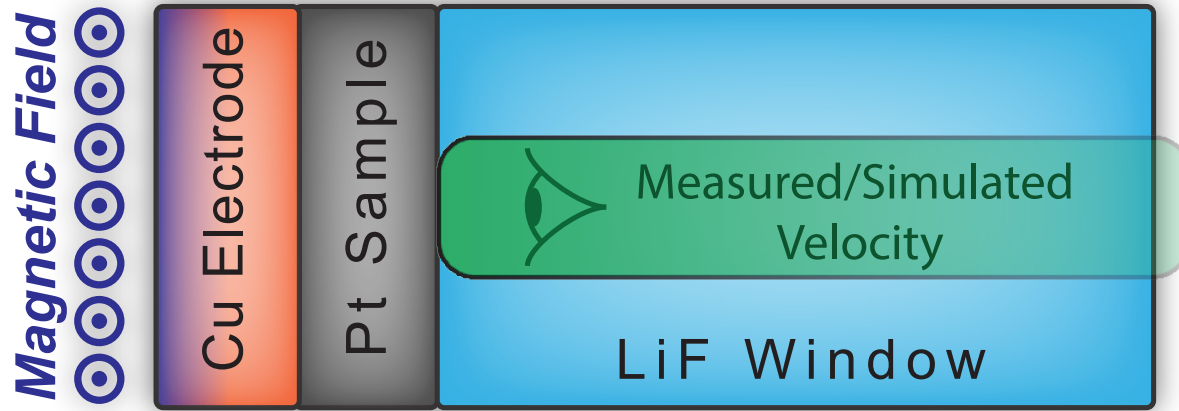
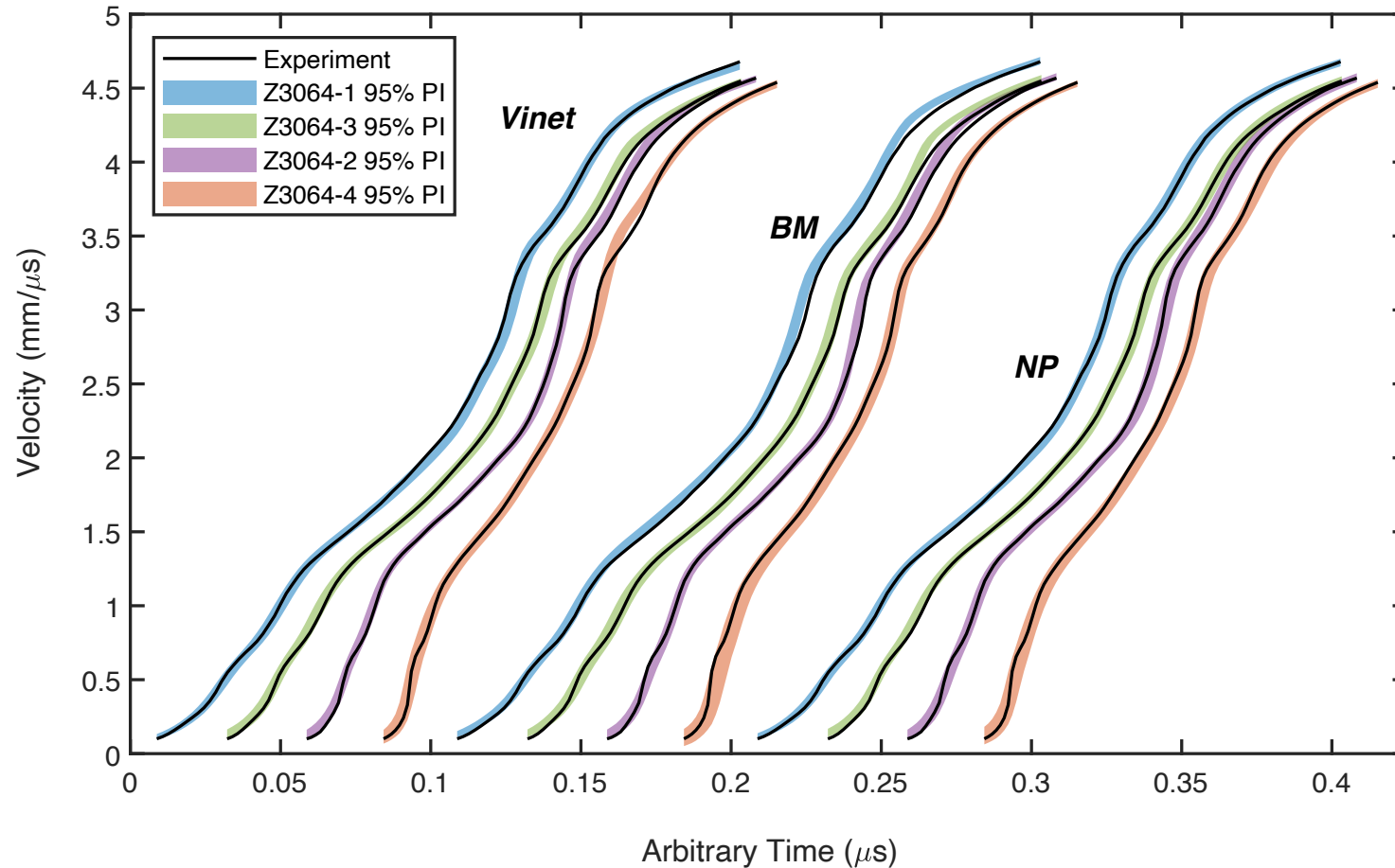


# Calibration of Platinum Equation of State



- Calibration equation of state of platinum generated with pulse magnetic fields
- Estimate the parameters describing the compressibility (relationship between pressure and density) to understand extreme pressures
- Conducted using Sandia Z-machine, a pulse power drive reactor

# Calibration



We have a good fit  
between experiment and  
simulation

Better residuals over  
standard calibration  
method