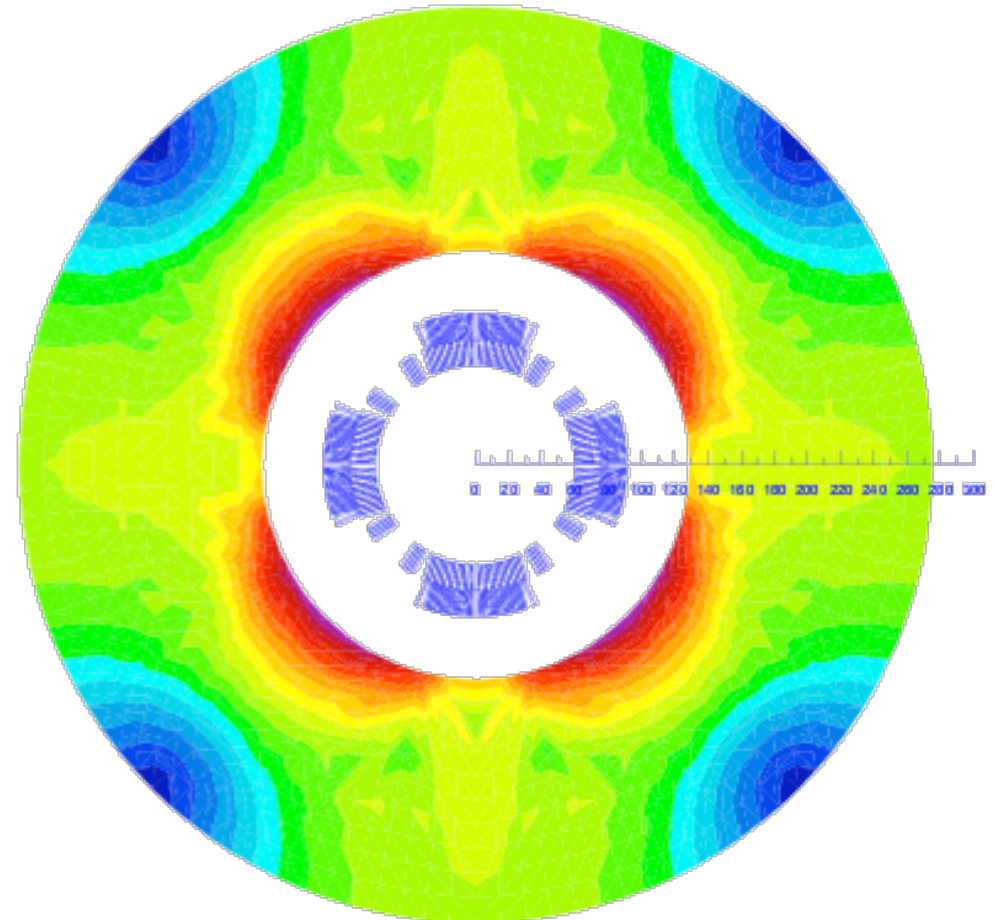
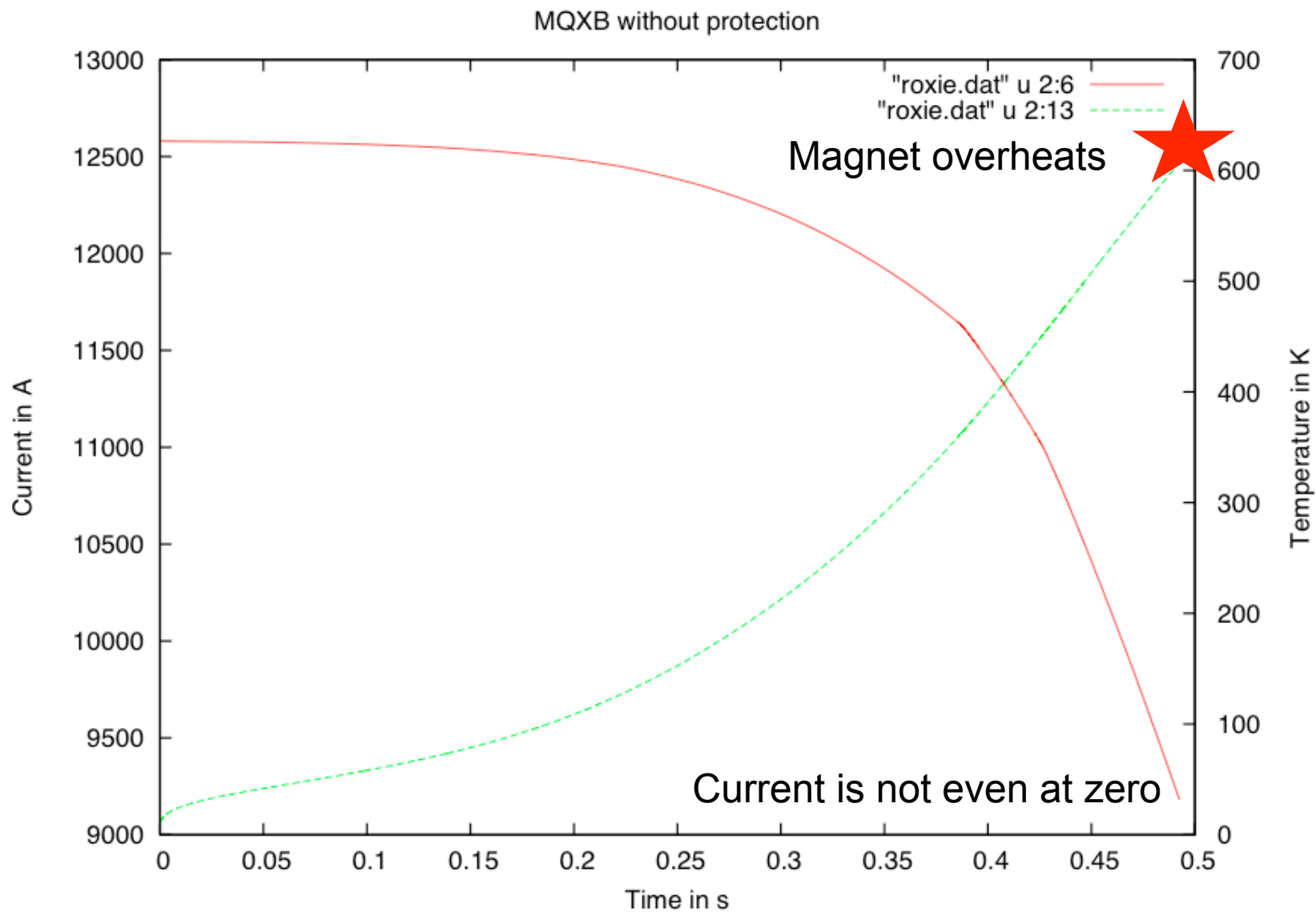
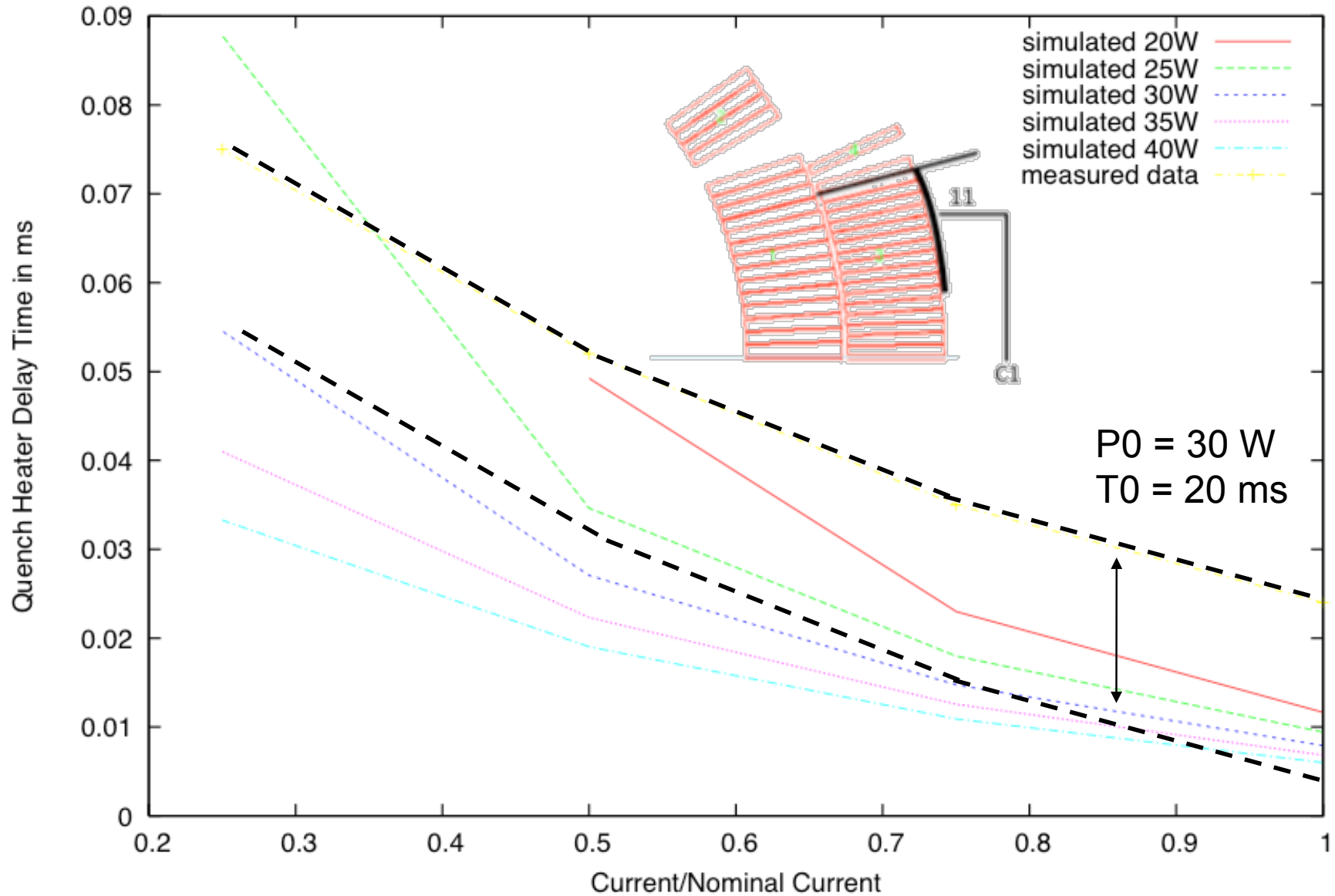


- ➔ Introduction of our new team member:
  - Erwin Bielert
  - PhD-student Twente
  
- ➔ First quench simulation results for
  - 120 mm, V3
  
- ➔ Input parameters
  - Discussed in last 2 meetings
  - Fixed in QuenchCaseDefinition
  
- ➔ Quench Protection Study:
  - Gauging quench heaters
  - Selecting dump resistor
  - Simulating quench with double protection
    - At full and half current

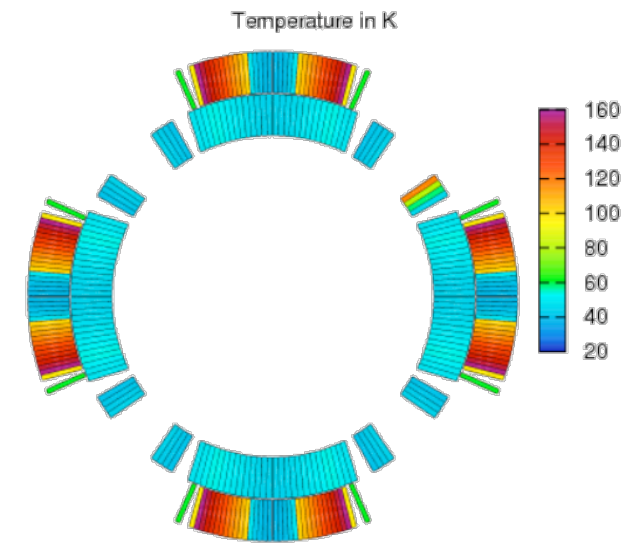
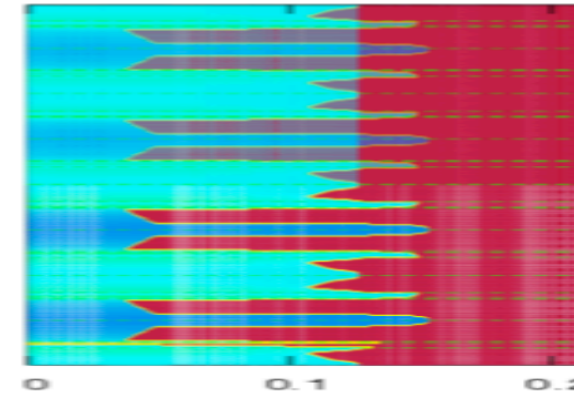
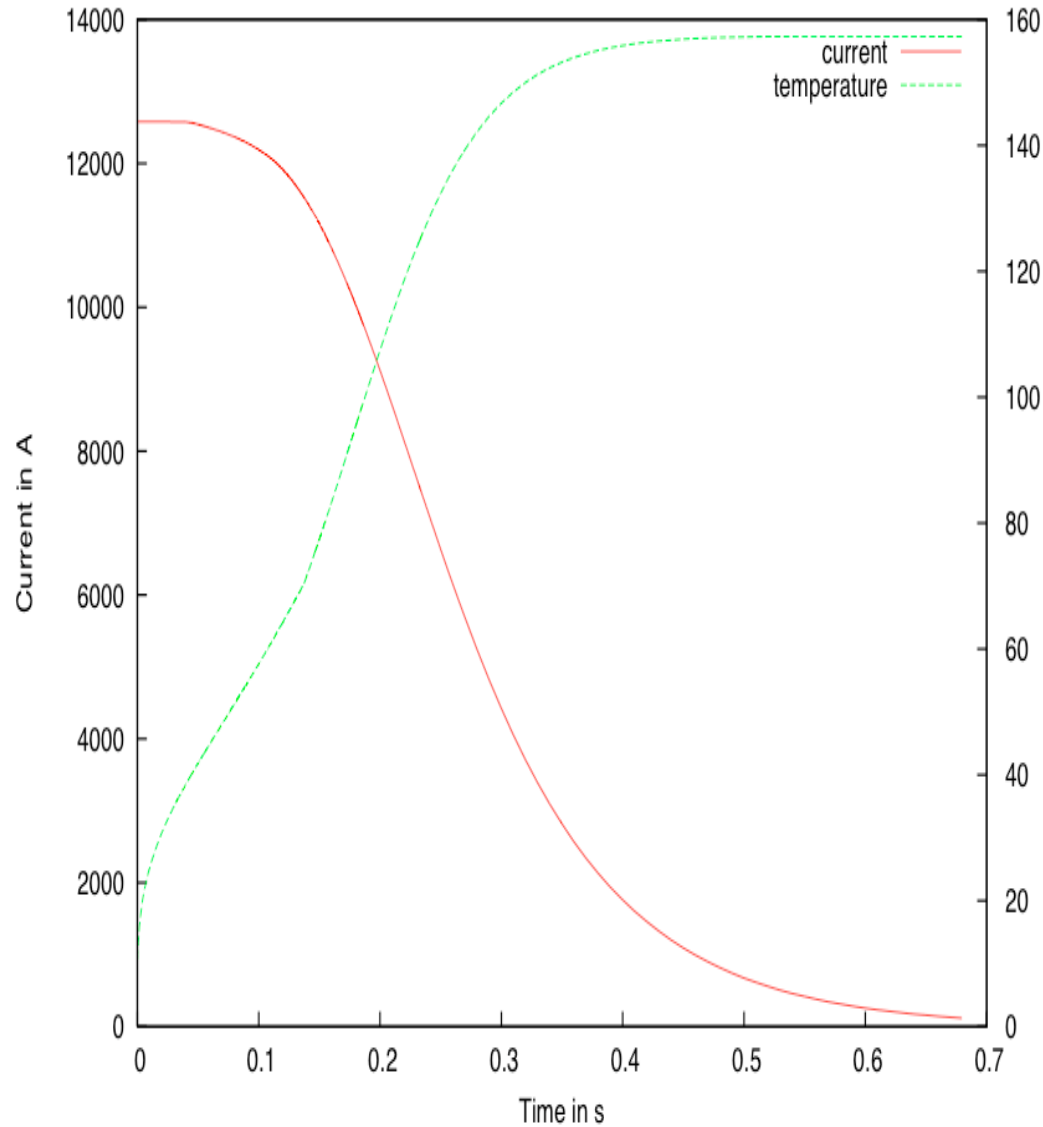


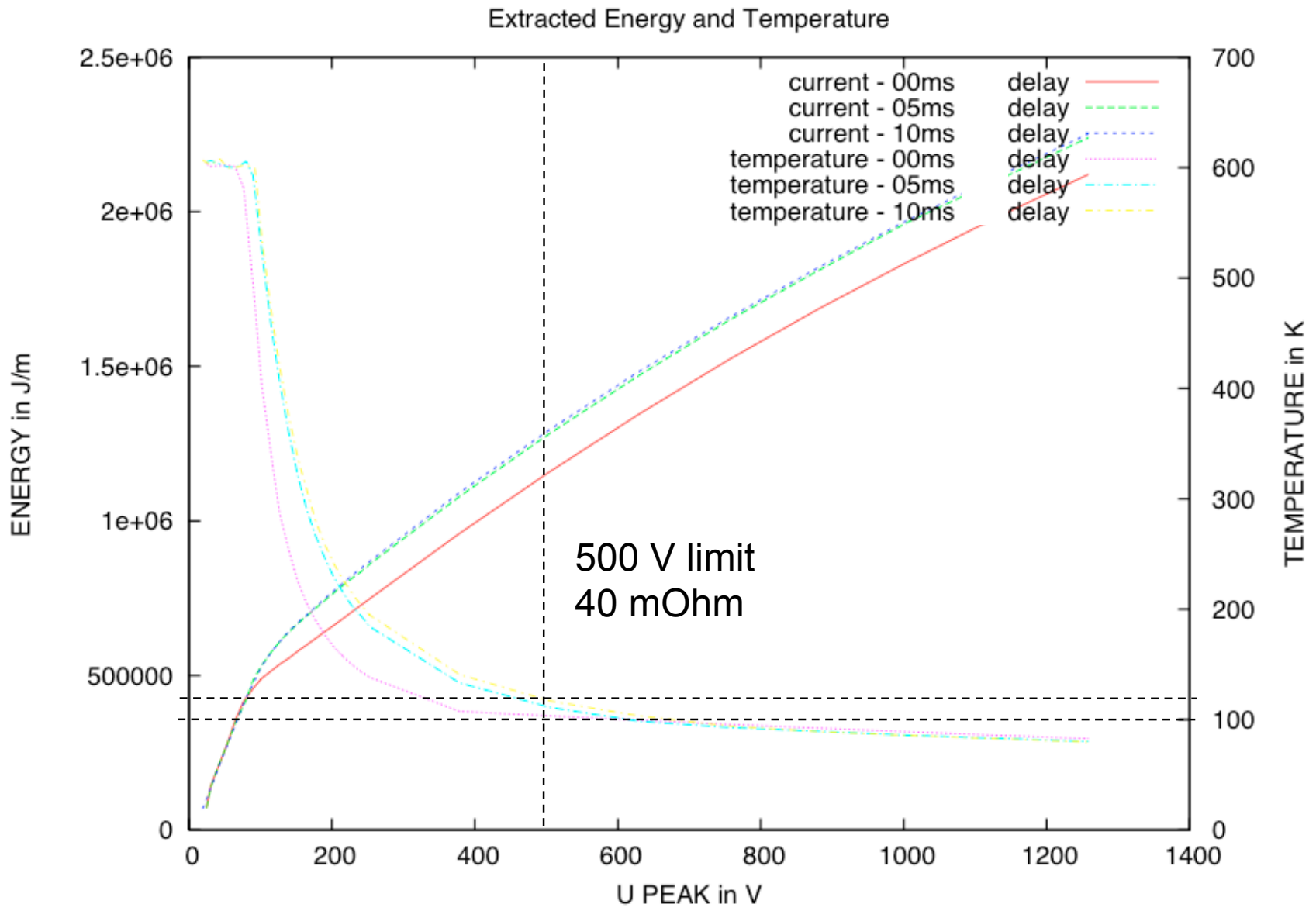


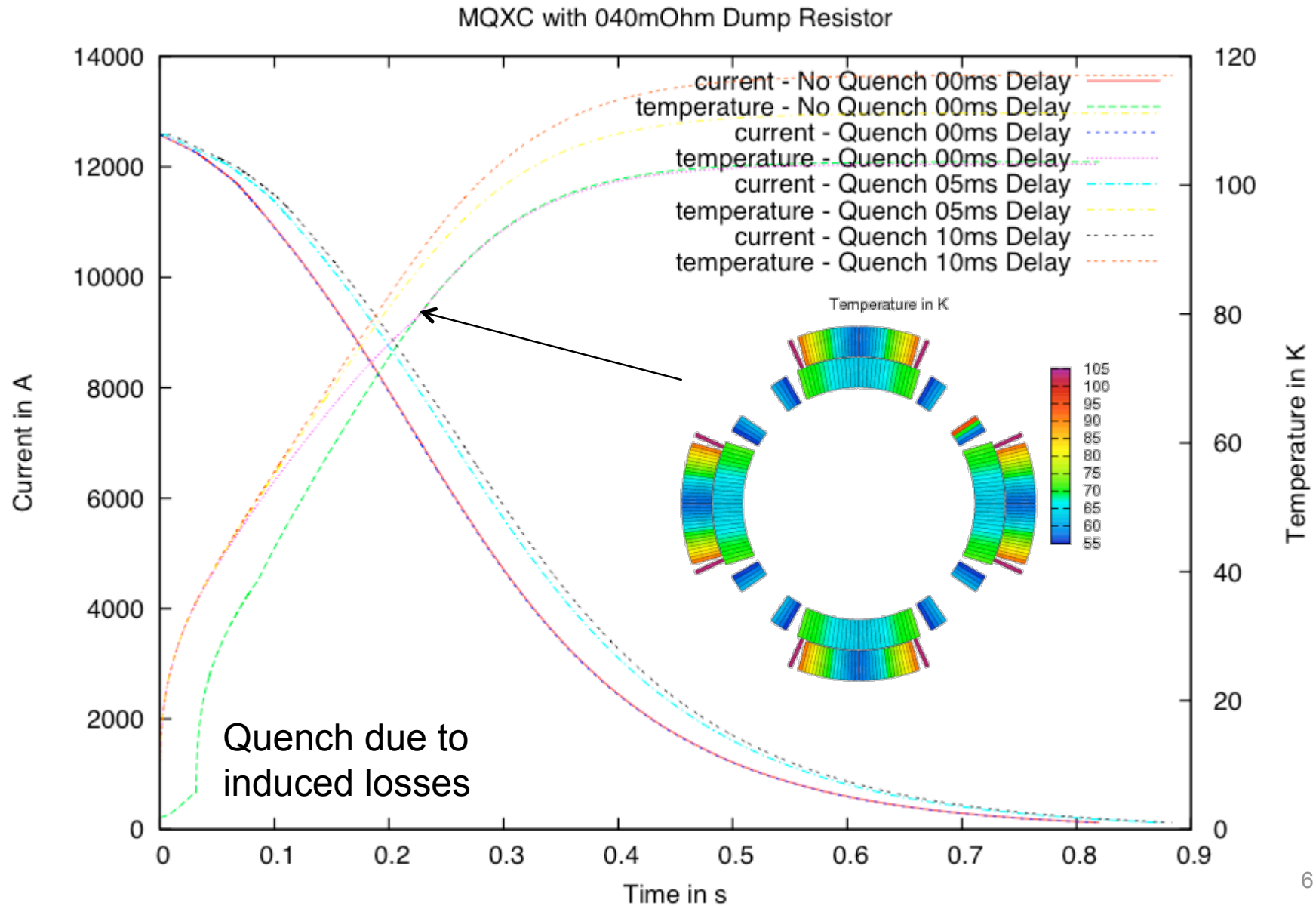
Quench Heater Delay Time as a function of Current



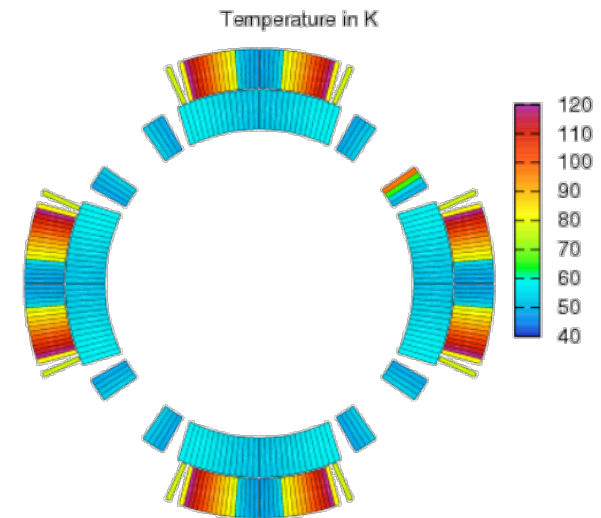
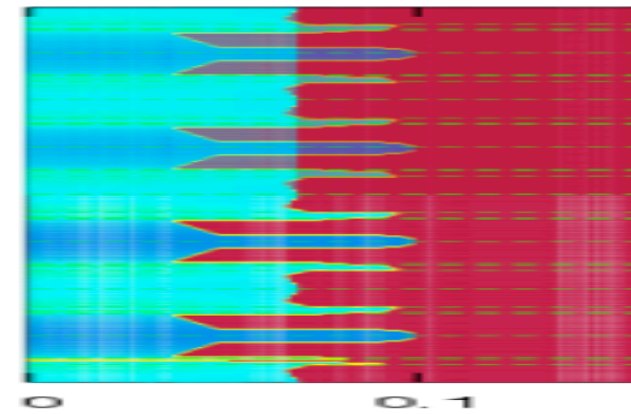
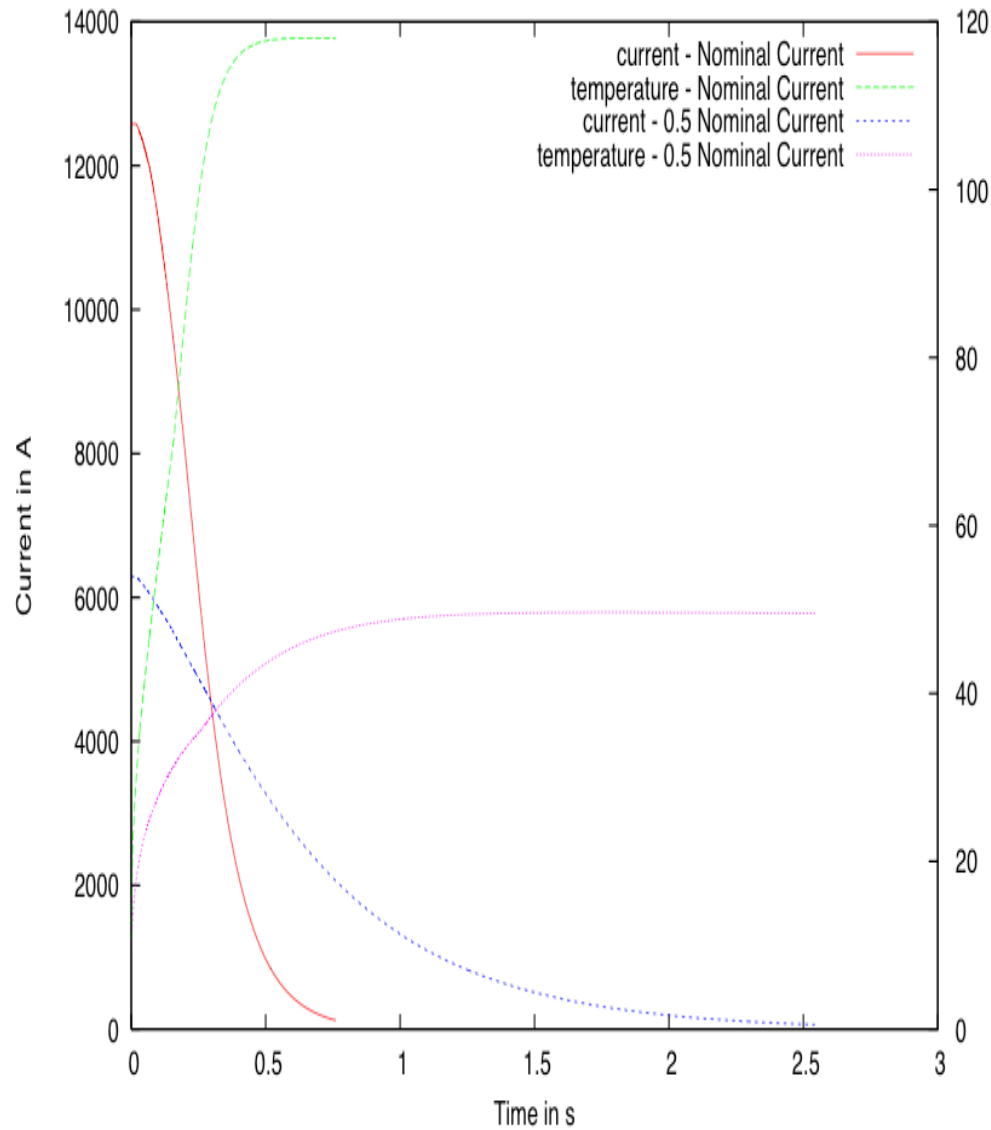
SIMULATION QH\_Power = 30W





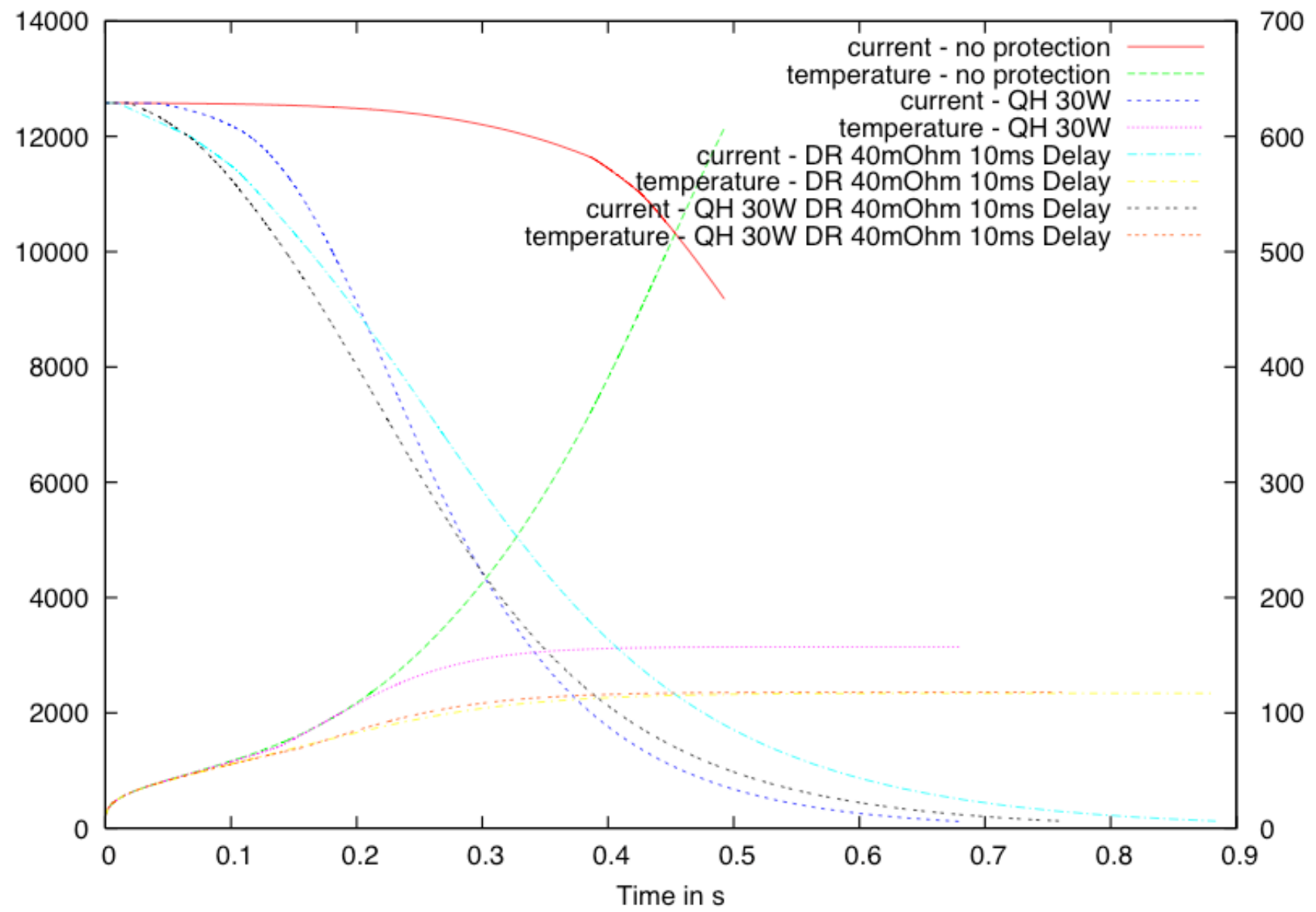


MQXC Half of Nominal Current compared to Nominal Current





Total Overview





→ Open studies

- New coil cross section (no single conductor)
- Heater setup II
- Design for greater aperture and length
- Quench detection
  - 3D, various currents

→ Collaboration

- Fixing standards to exchange designs
- Documentation

