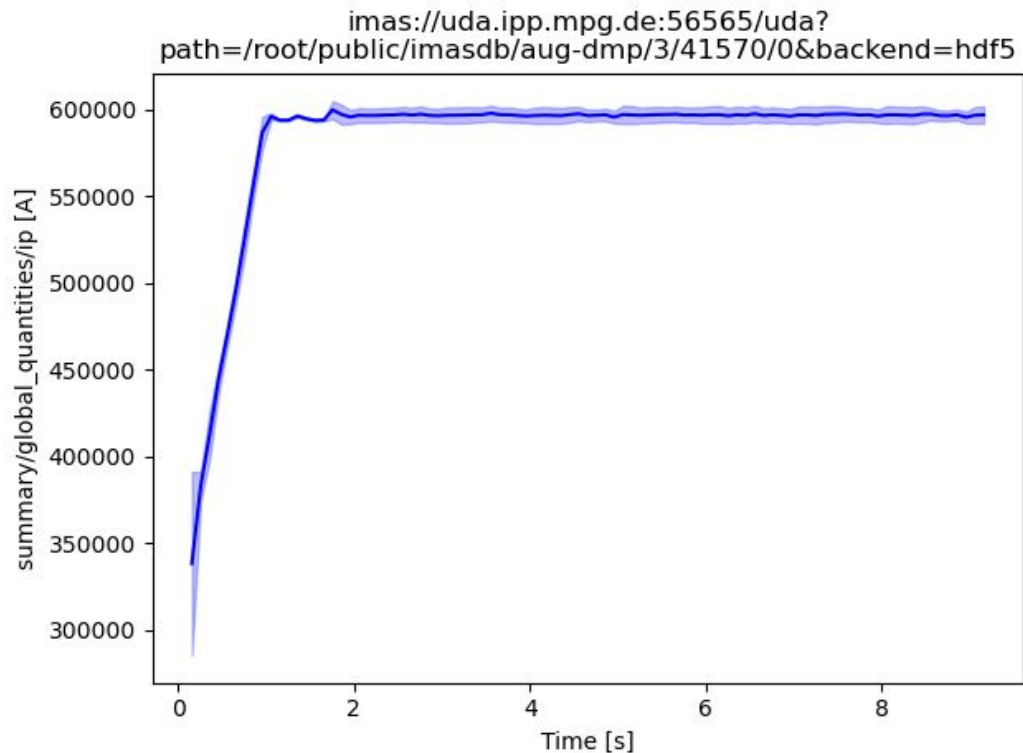


# DMP Implementation Status of IPP

2024-03-12

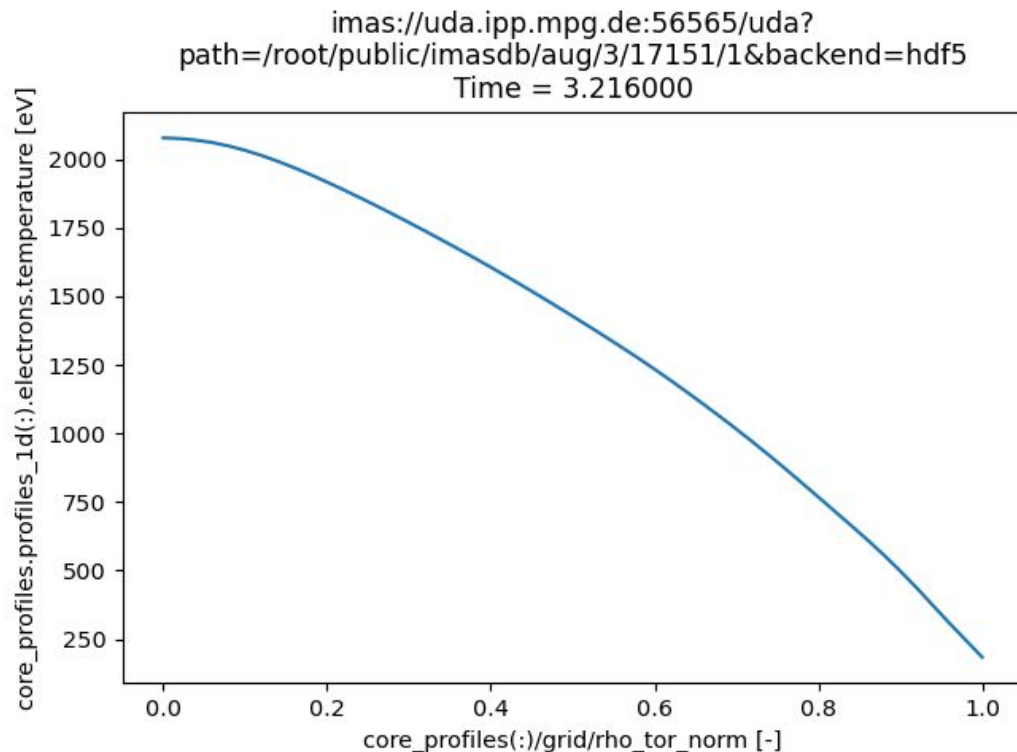
# Now have a server in the IPP DMZ with AUG summary data

- Copied the AUG SUMMARY IDSeS to `uda.ipp.mpg.de`
- After working around a UDA bug
  - At ITER pulled and plotted the Ip time trace from the summary data for shot 41570



# Now have a server in the IPP DMZ with AUG processed data

- Ran **trview** in Garching for an old shot (17151) [inside the IPP firewall]
- Produced IDses which were then copied to `uda.ipp.mpg.de` [in the IPP DMZ]
- `core_profiles` data were then read and plotted by python running on the ITER cluster [outside the IPP firewall]



# Thought I would have a look at duckdb

- “DuckDB is a fast in-process analytical database”
- Took my previous catalog\_qt case with > 50000 shots
- Searched for shots with plasma current between -20 and -10 MA
  - Mysql (well actually mariadb) on my MacBookPro took 12.849 seconds
  - Duckdb on the same machine took 0.146 seconds
- Do we still have the test database used by PSNC to evaluate different database engines?

# Next steps

- Start exploring the mysteries of authentication and authorization