

DMP Implementation Status of IPP

2025-11-19

IMAS versions updated on the TOK and Citrix systems

DD	AL	TOK cluster	Citrix system
3.38.1	4.11.4		2023-06-08
3.39.0	4.11.5	2023-07-26	2023-07-31
3.39.0	5.0.0	2023-10-10	
3.41.0	4.11.10	2024-04-17	
3.41.0	2024.07-foss-2023b		2024-08-11
3.42.0	2024.08-foss-2023b		2024-08-13
3.42.0	2024.08.1-foss-2023b	2024-08-23	2024-08-22
3.42.0	2024.08.1-intel-2023b	2024-08-23	2024-08-22
3.42.0	4.11.10		2024-10-09
3.42.0	2024.09-foss-2023b	2024-10-21	2024-10-21
3.42.0	2024.09-intel-2023b	2024-10-21	2024-10-21
4.0.0	2024.12-foss-2023b	2025-01-22	2025-01-22
4.0.0	2024.12-intel-2023b	2025-01-22	2025-01-22

- Entries in red have a problem after the cluster upgrade
 - Underlying python changed, together with numpy
 - Remove?

Access log from Gateway

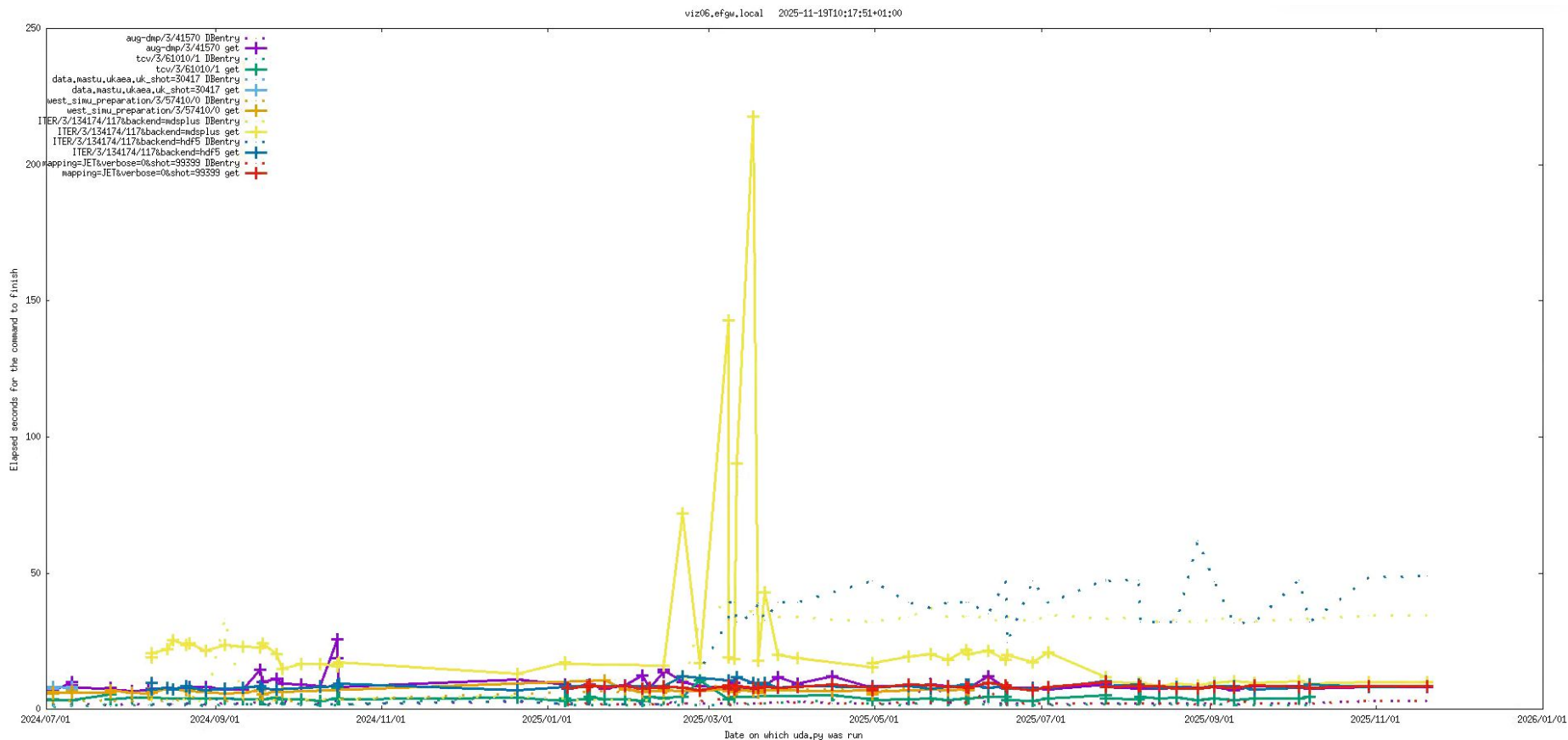
Accessing data from imas://data.**mastu**.ukaea.uk:56560/uda?mapping=MAST&verbose=0&shot=30417&batch_size=20
ERROR:root:b'al_begin_dataentry_action: [ALException = [idamClient]: Protocol 11 Error (Server Block #1)\n]'
DBEntry failed after 2.832 seconds

Accessing data from imas://**spcimasdata**.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/61010/1/&backend=mdsplus
ERROR:root:b'al_begin_dataentry_action: [ALException = [createConnection]: No route to host\n[idamClient]: No Socket
Connection to Server\n]'
DBEntry failed after 29.589 seconds

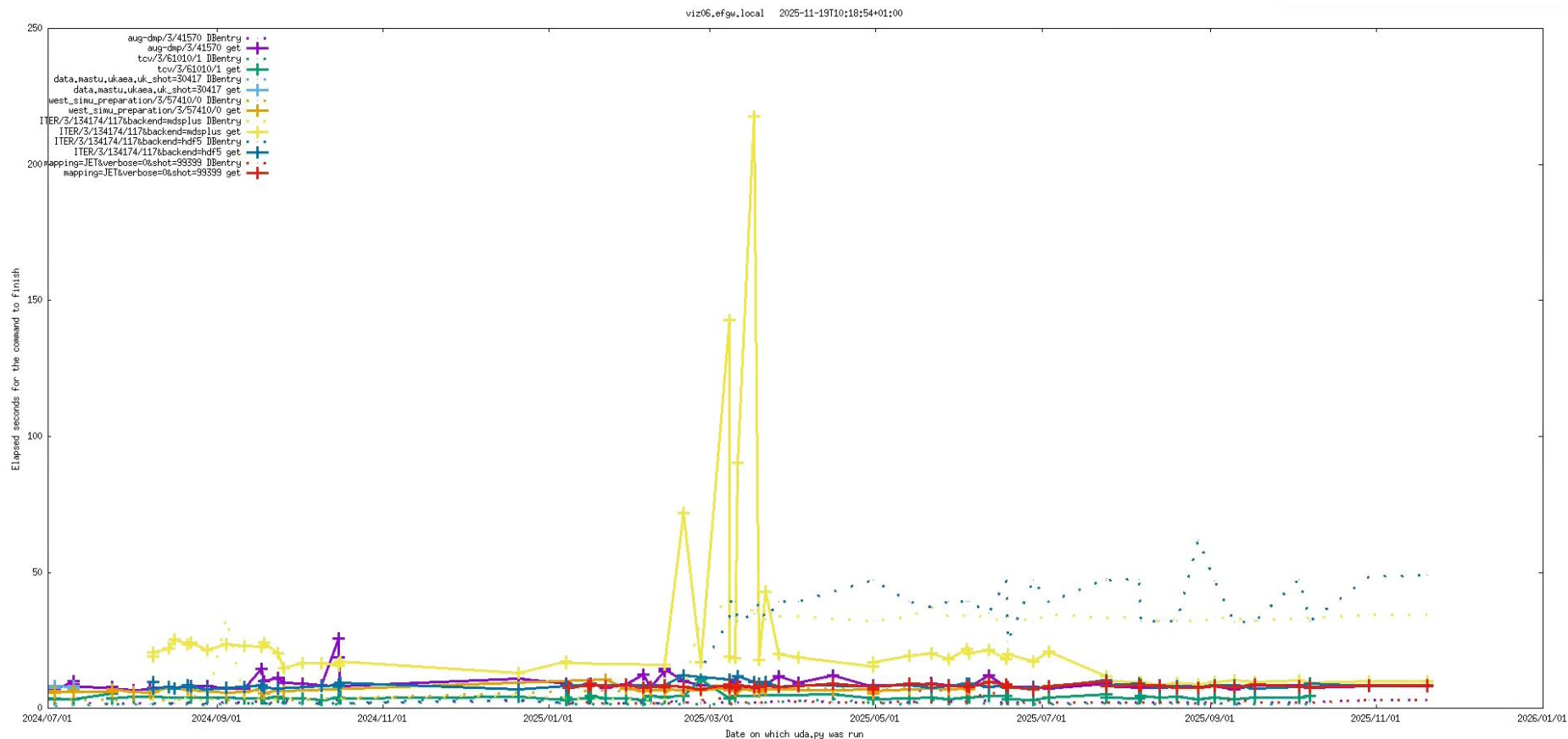
Accessing data from imas://**spcimasdata**.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/68340/2/&backend=mdsplus
ERROR:root:b'al_begin_dataentry_action: [ALException = [createConnection]: No route to host\n[idamClient]: No Socket
Connection to Server\n]'
DBEntry failed after 28.566 seconds

Accessing data from
imas://**irfm**-uda.partenaires.cea.fr:8083/uda?path=/lmas_public/imas_simulation/public/imasdb/west_simu_preparation/3/57410/0&
backend=hdf5
Timeout expired for
imas://irfm-uda.partenaires.cea.fr:8083/uda?path=/lmas_public/imas_simulation/public/imasdb/west_simu_preparation/3/57410/0&b
ackend=hdf5 after 60.100 seconds

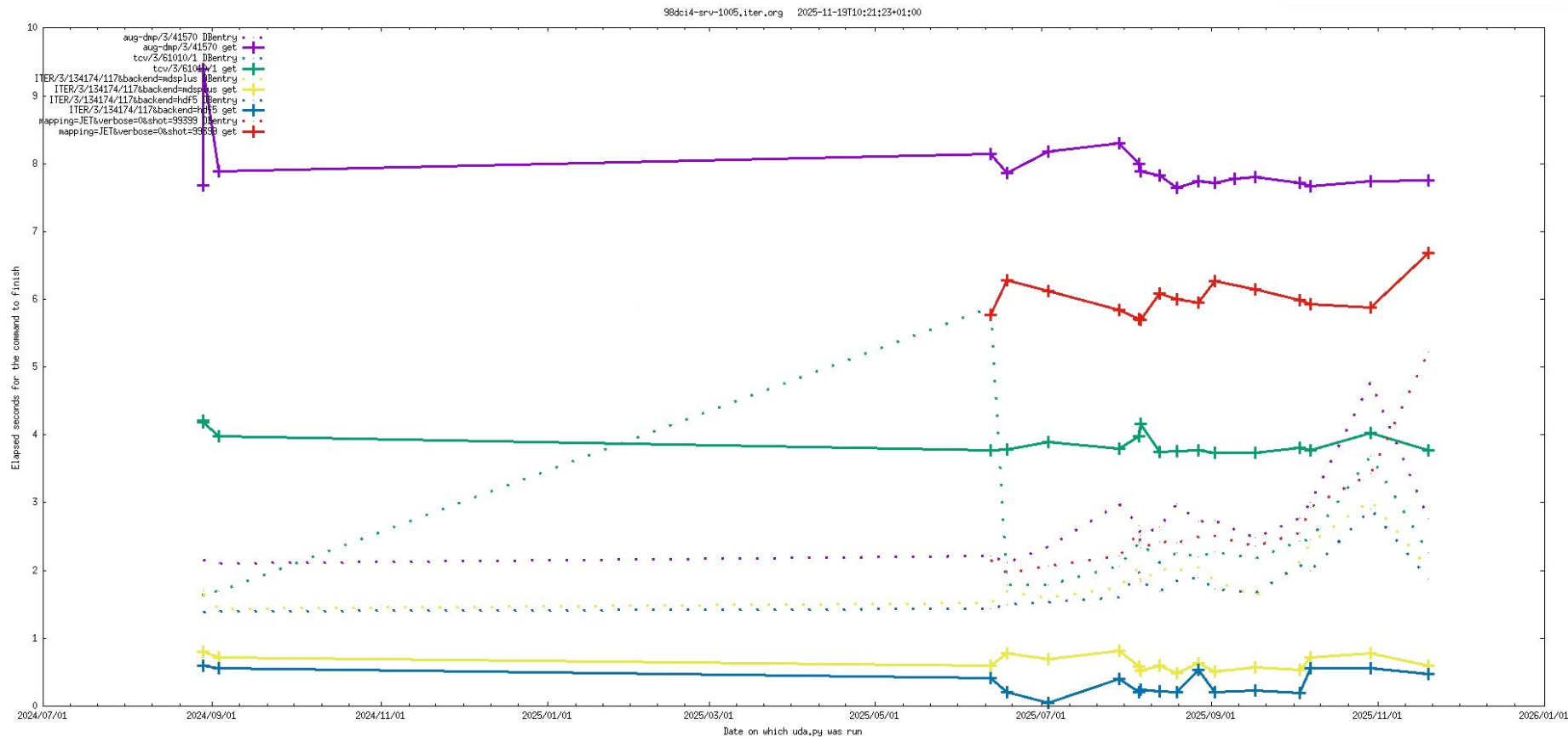
Data access times: run on Gateway



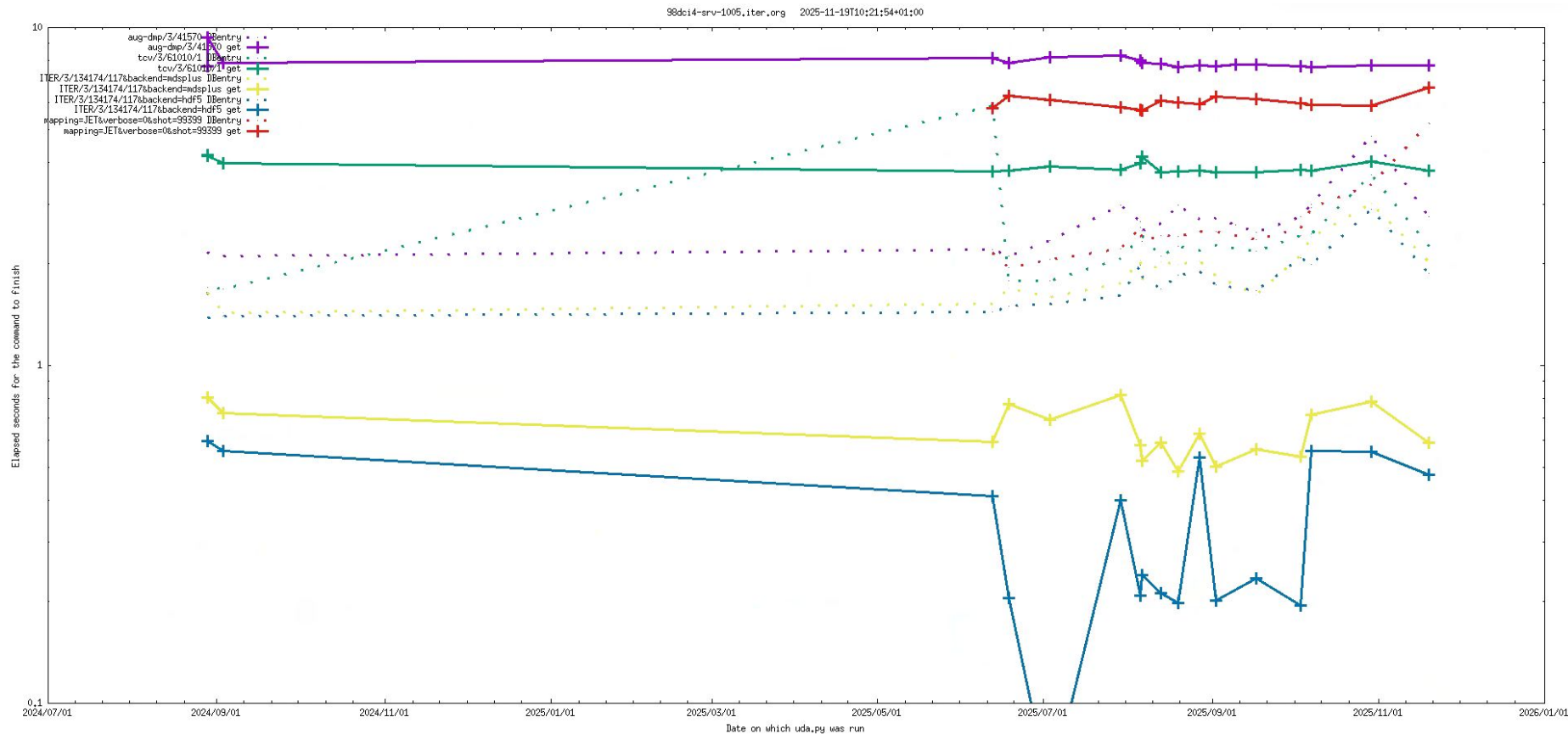
Data access times: run on Gateway



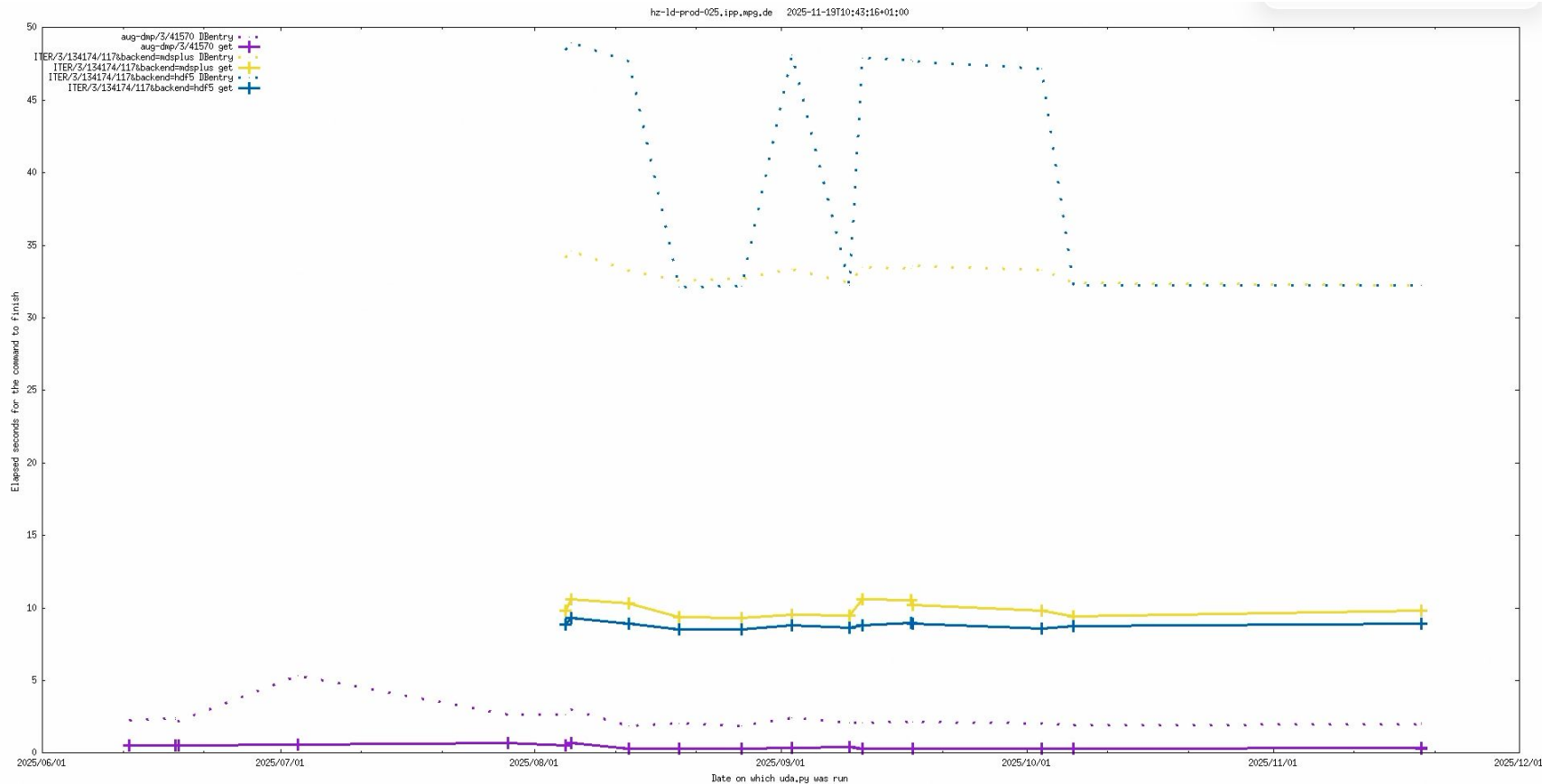
Data access times: run at ITER



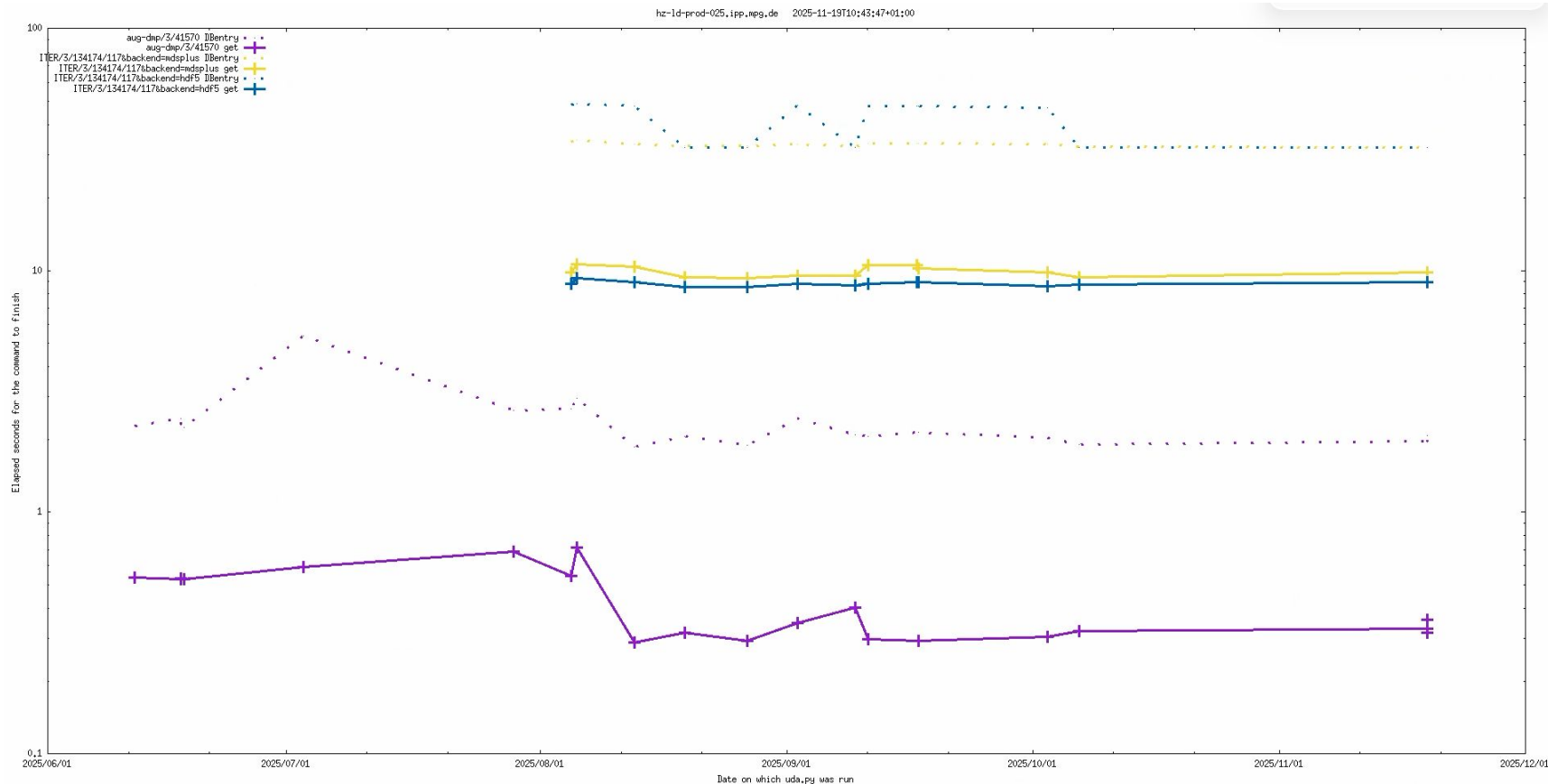
Data access times: run at ITER



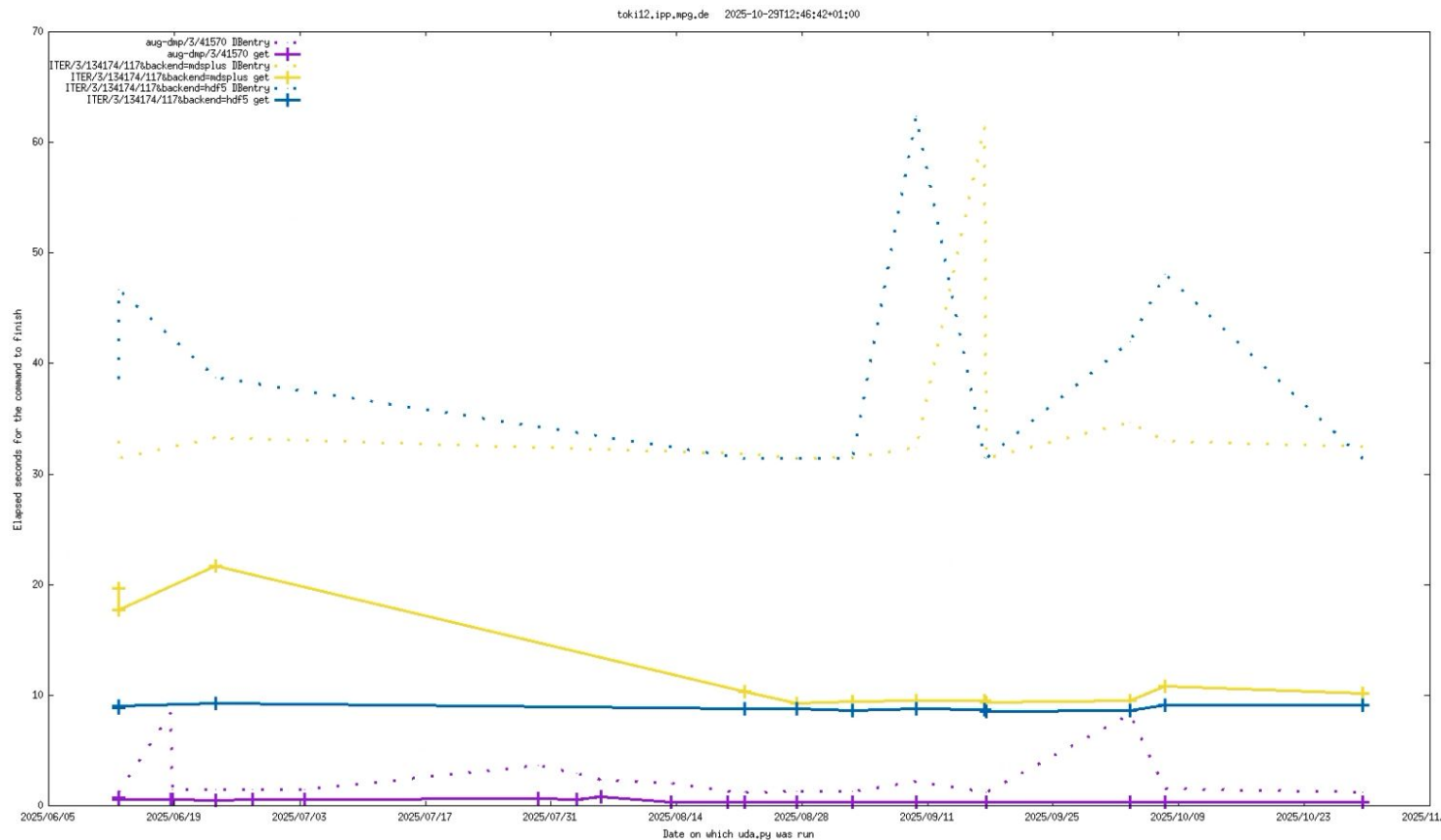
Data access times: run at IPP (horizon)



Data access times: run at IPP (horizon)



Data access times: run at IPP (TOK cluster)



Data access times: run at IPP (TOK cluster)

