

DMP Implementation Status of IPP

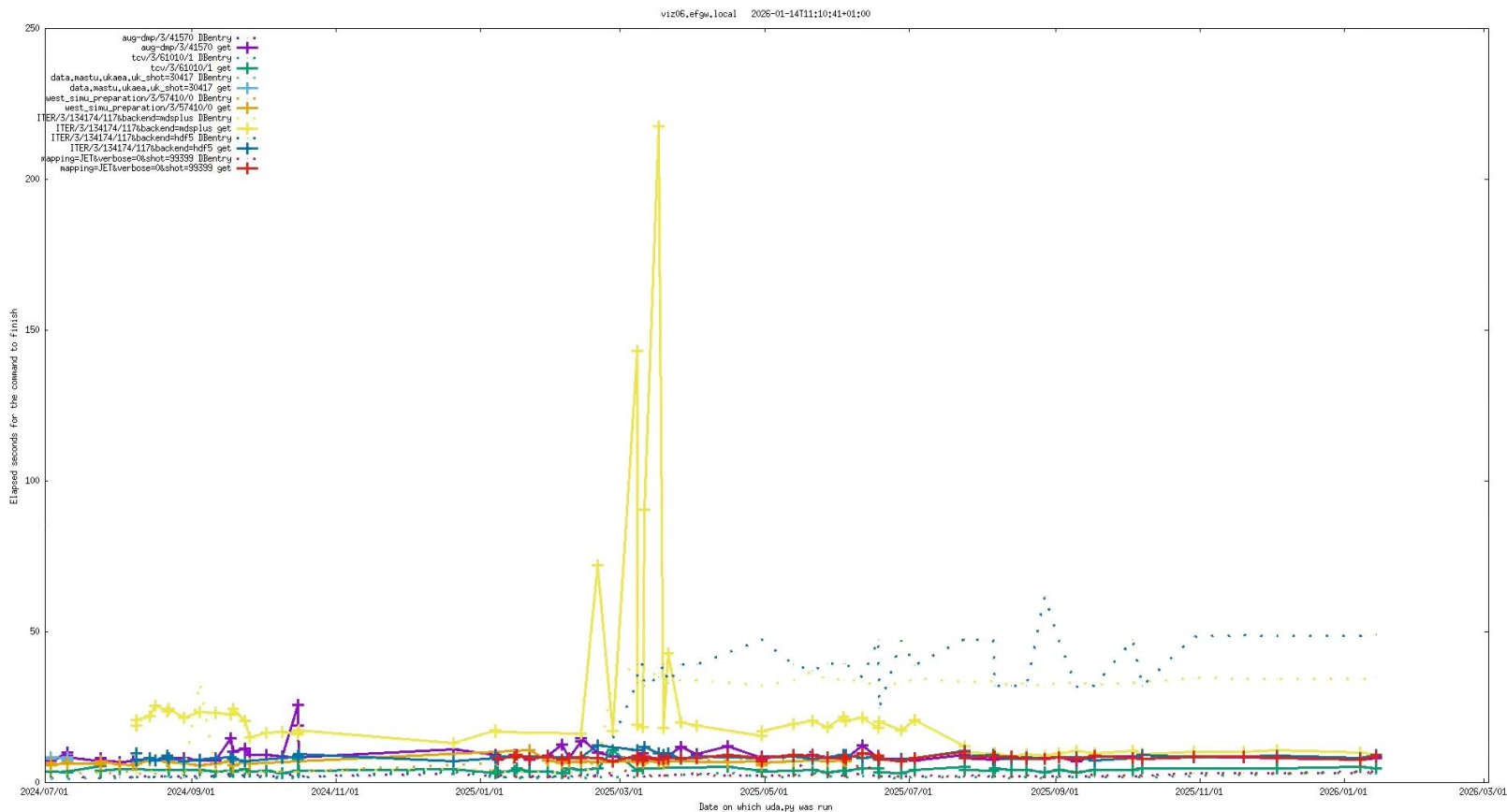
2025-01-14

IMAS versions updated on the TOK and Citrix systems

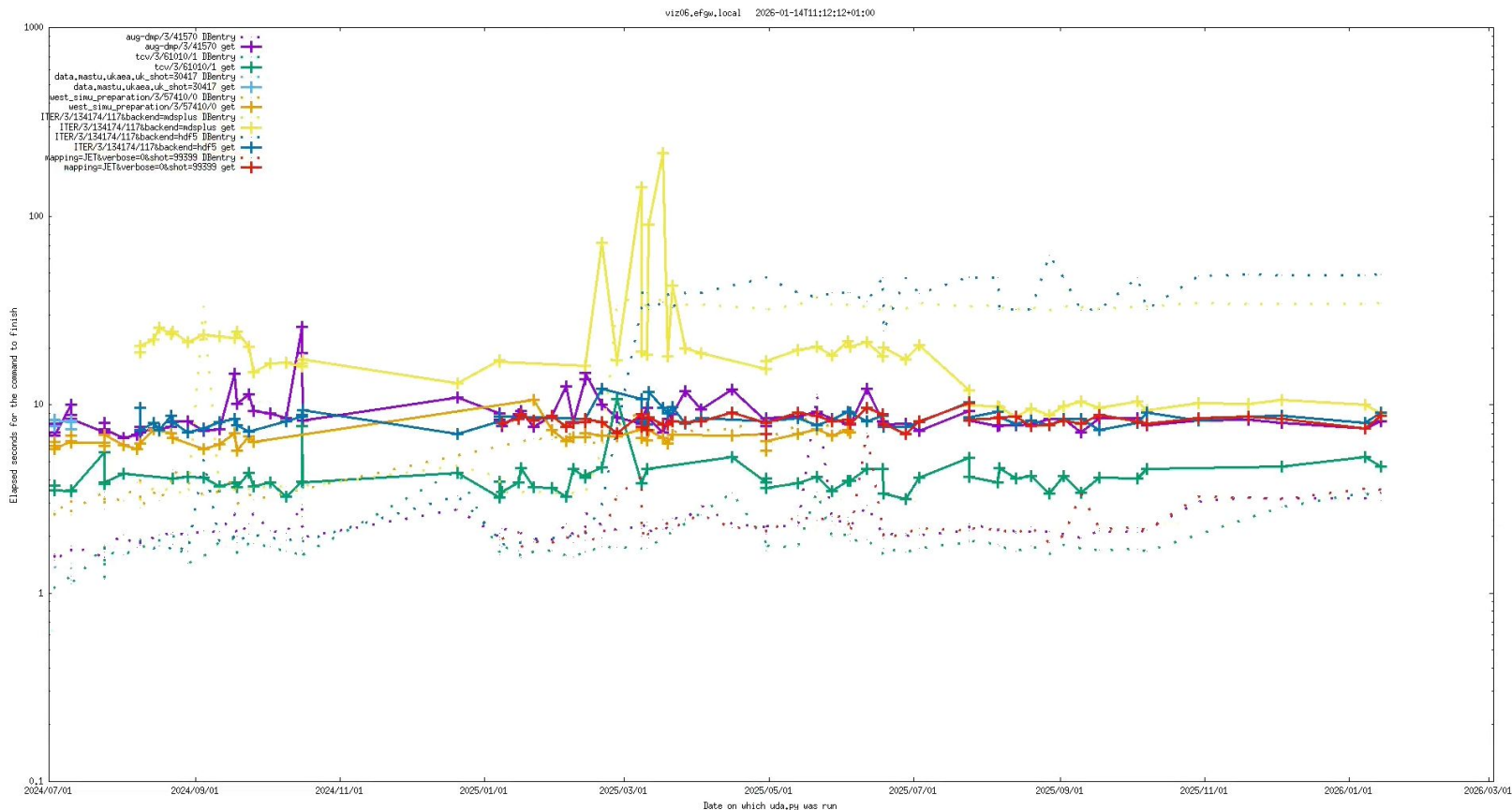
DD	AL	TOK cluster	Horizon system
3.38.1	4.11.4		2023-06-08
3.39.0	4.11.5	2023-07-26	2023-07-31
3.39.0	5.0.0	2023-10-10	
3.41.0	4.11.10	2024-04-17	
3.41.0	2024.07-foss-2023b		2024-08-11
3.42.0	2024.08-foss-2023b		2024-08-13
3.42.0	2024.08.1-foss-2023b	2024-08-23	2024-08-22
3.42.0	2024.08.1-intel-2023b	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?

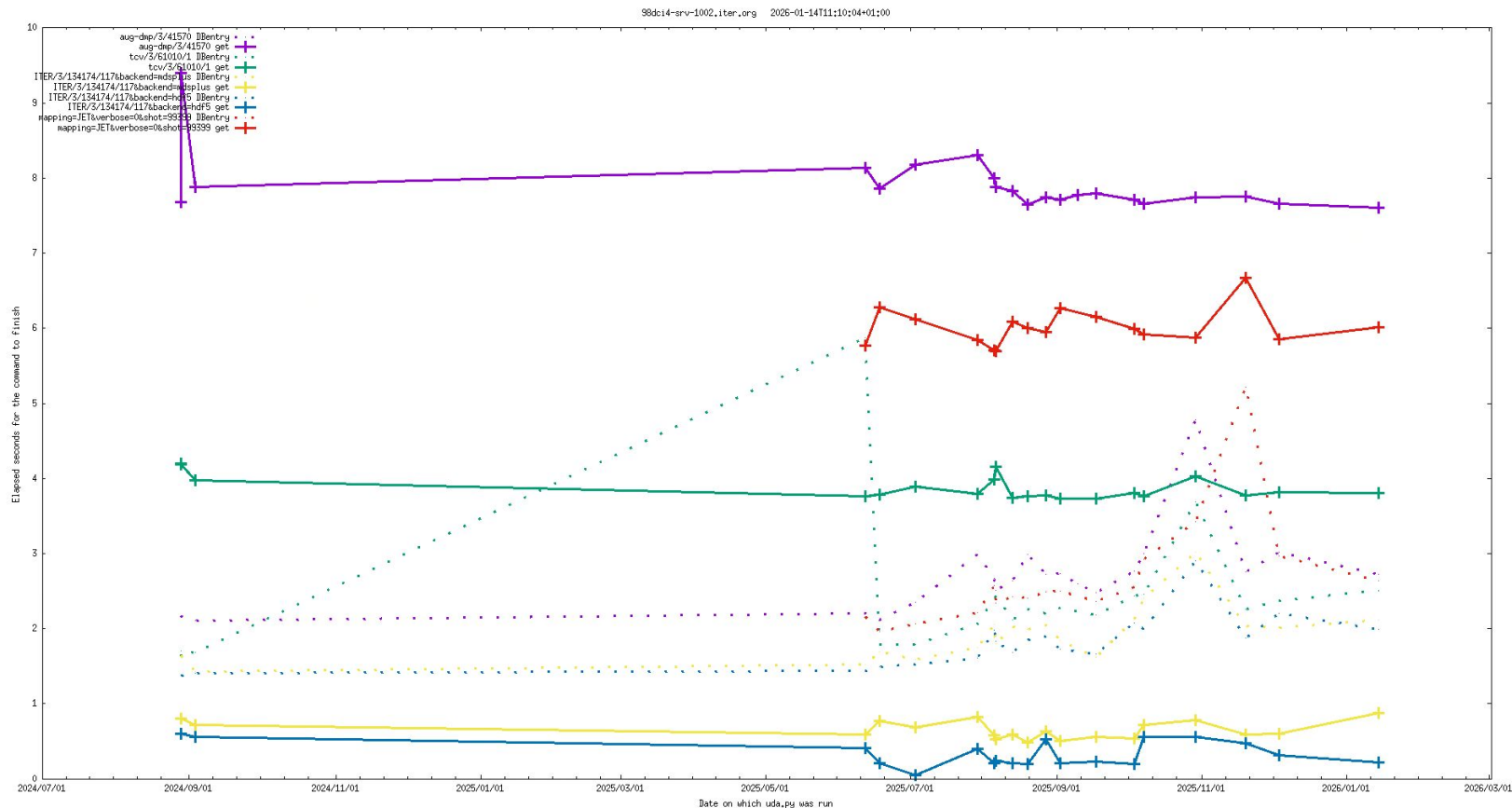
Data access times: run on Gateway



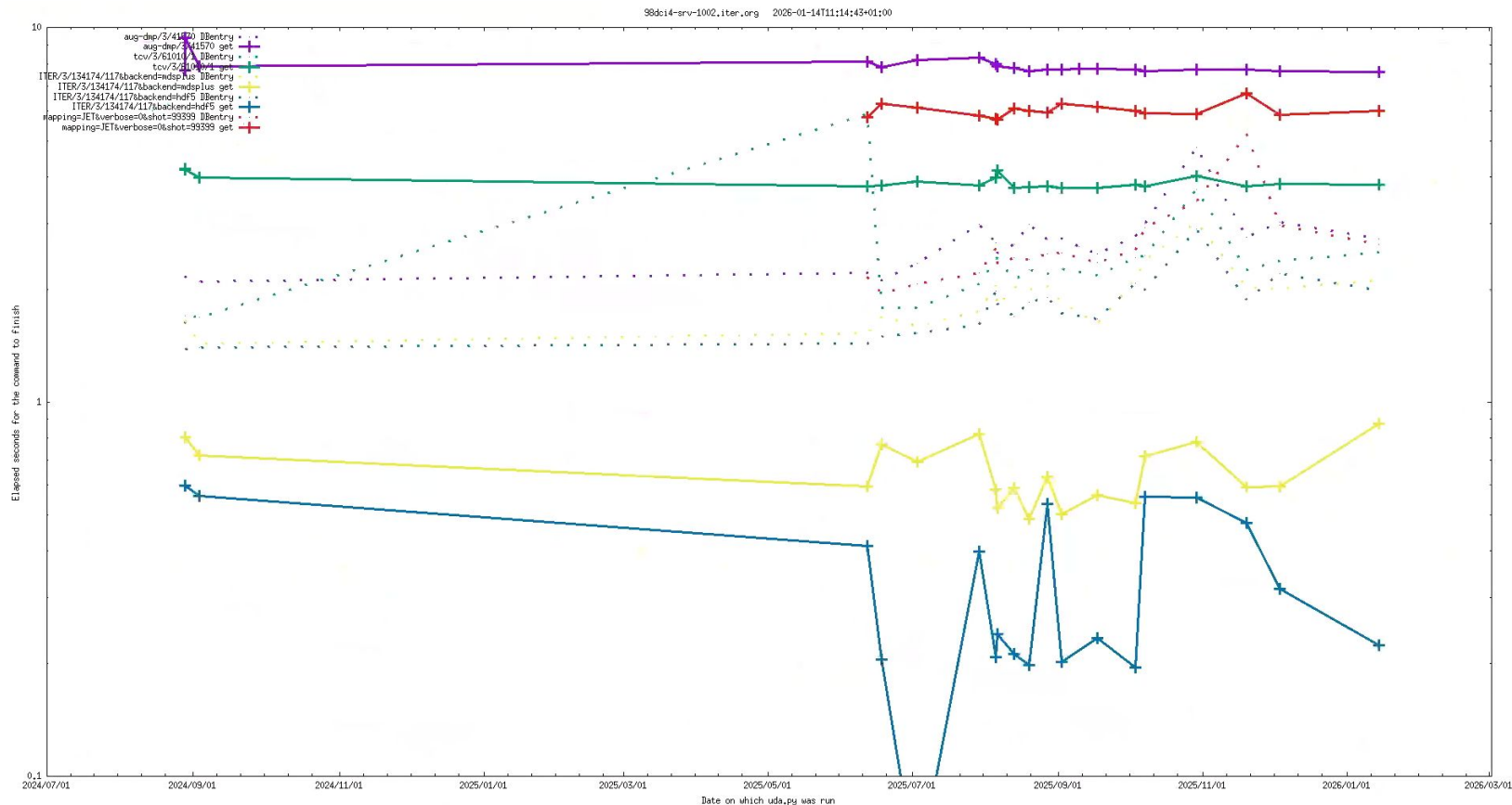
Data access times: run on Gateway



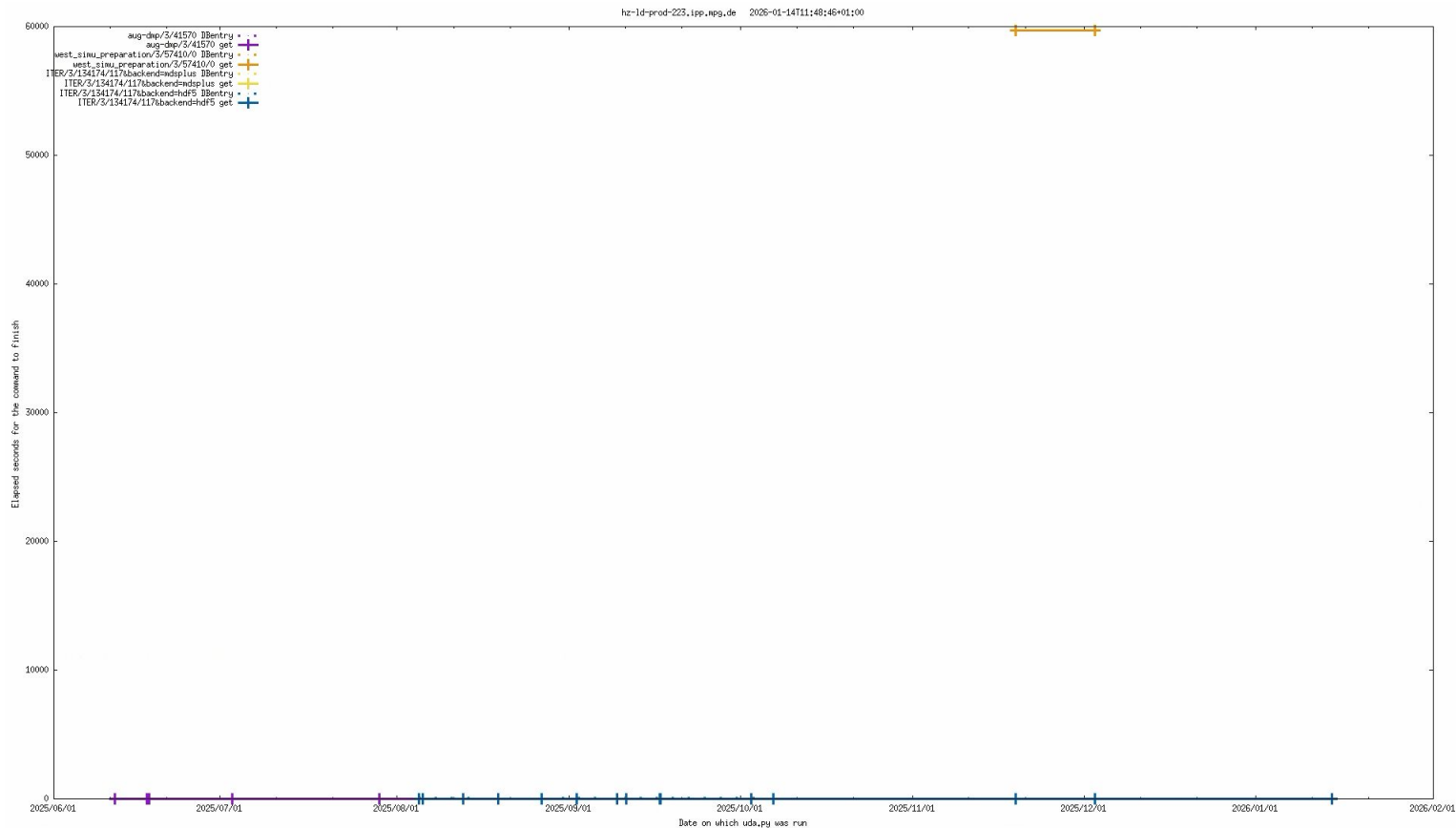
Data access times: run at ITER



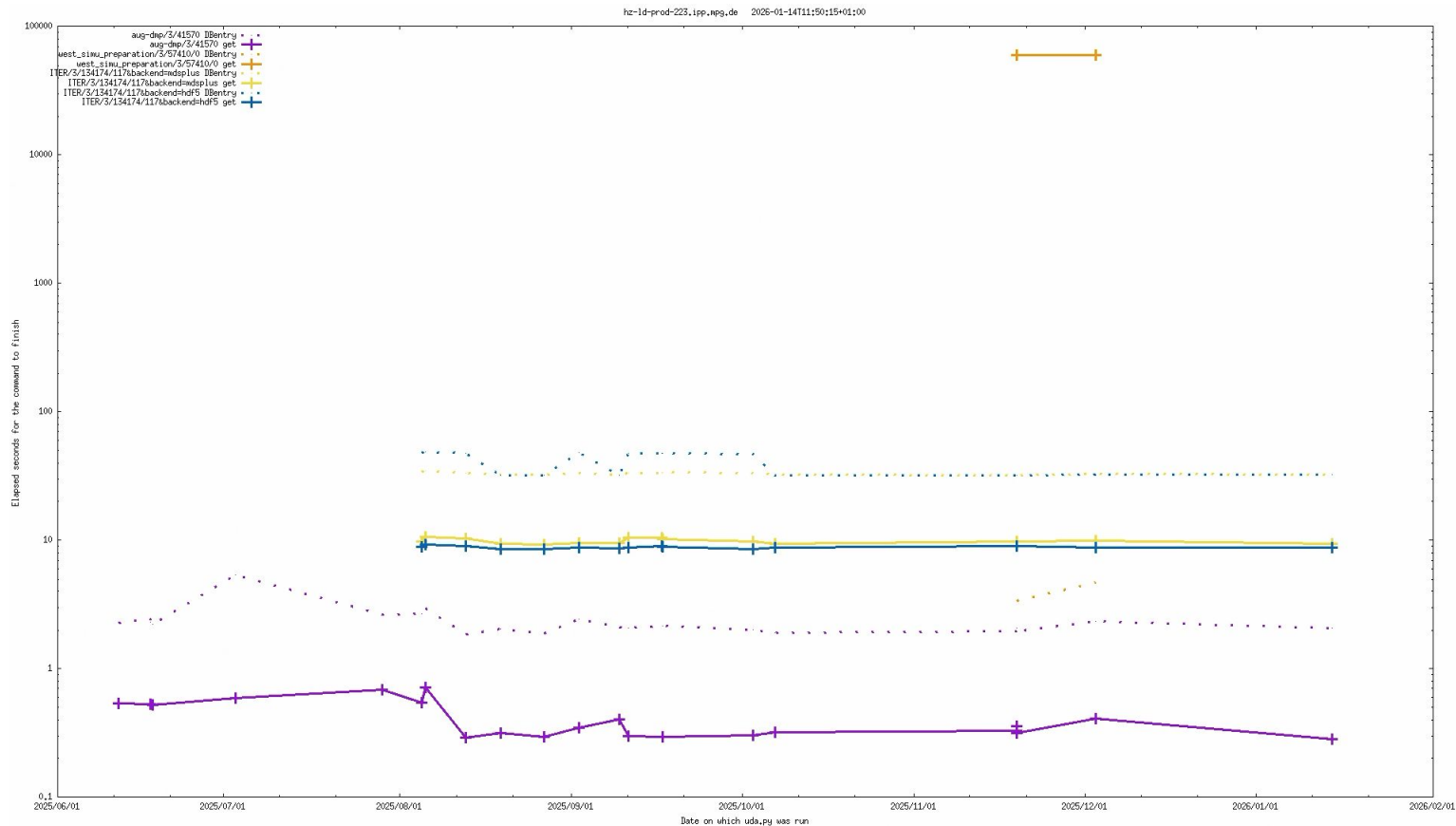
Data access times: run at ITER



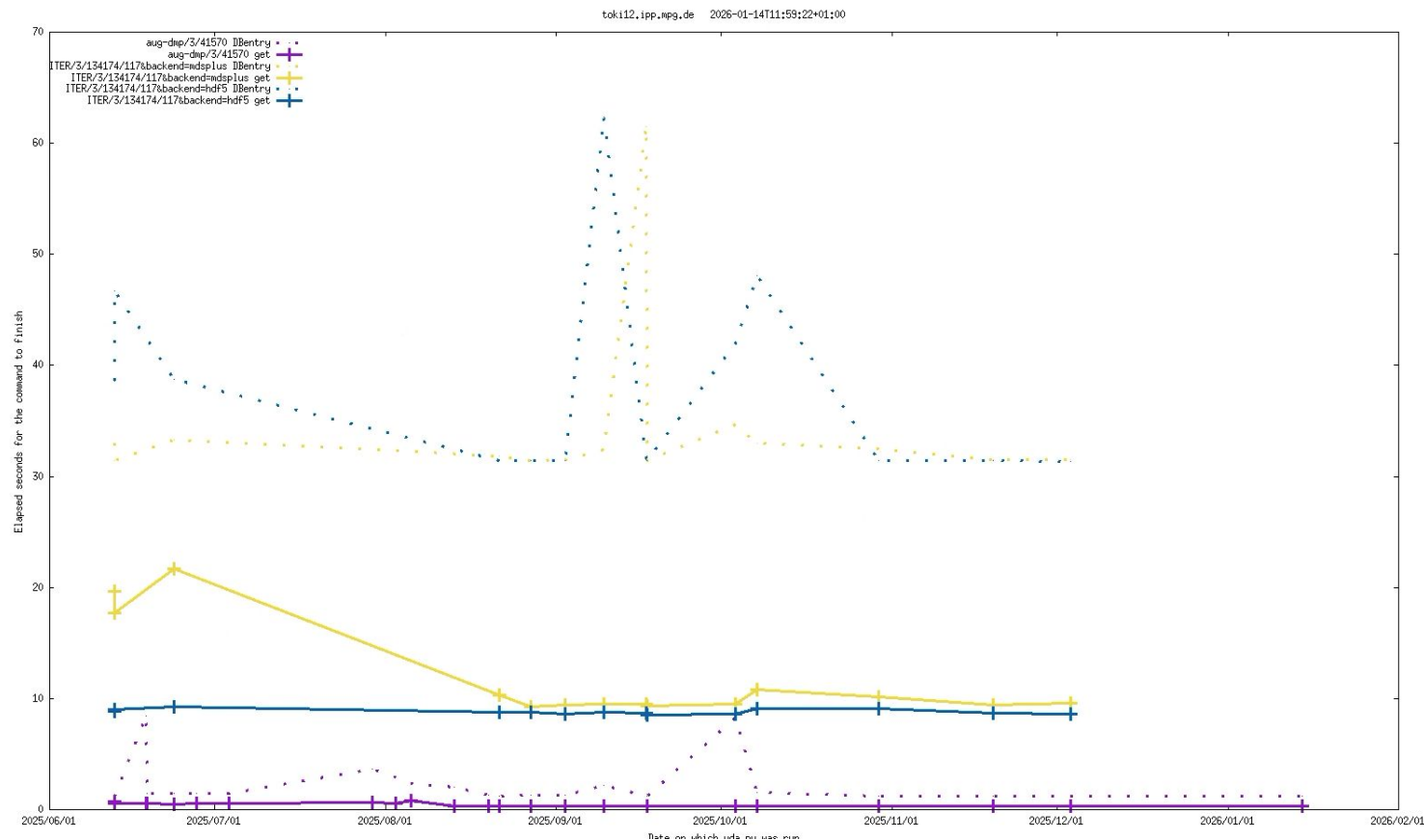
Data access times: run at IPP (horizon)



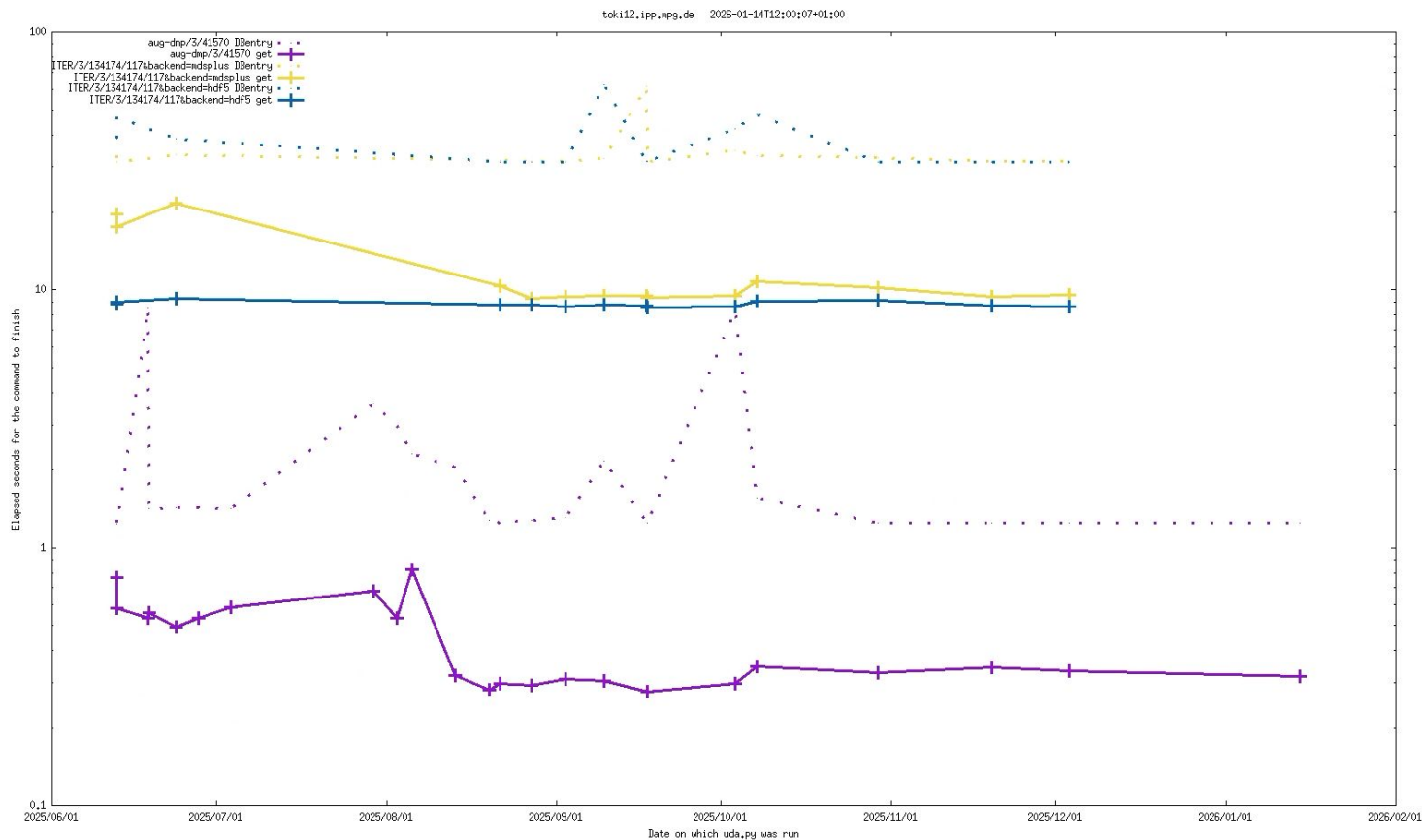
Data access times: run at IPP (horizon)



Data access times: run at IPP (TOK cluster)



Data access times: run at IPP (TOK cluster)



Access log from IPP (Horizon) for CEA

```
2025-11-19_10:35:17.log:Accessing data from
imas://irfm-uda.partenaires.cea.fr:8083/uda?path=/lmas_public/imas_simulation/public/imasdb/west_simu_preparation/3/57410/0&b
ackend=hdf5
2025-11-19_10:35:17.log-Available IDSes are: ['core_profiles', 'dataset_description', 'equilibrium', 'summary', 'temporary']
2025-11-19_10:35:17.log-
2025-11-19_10:35:17.log-
2025-11-19_10:35:17.log-
2025-11-19_10:35:17.log-Timing information
2025-11-19_10:35:17.log- DBentry = 3.402
2025-11-19_10:35:17.log-    get = 59760.329
2025-11-19_10:35:17.log-    close = 0.031
--
2025-12-03_11:05:55.log:Accessing data from
imas://irfm-uda.partenaires.cea.fr:8083/uda?path=/lmas_public/imas_simulation/public/imasdb/west_simu_preparation/3/57410/0&b
ackend=hdf5
2025-12-03_11:05:55.log-Available IDSes are: ['core_profiles', 'dataset_description', 'equilibrium', 'summary', 'temporary']
2025-12-03_11:05:55.log-
2025-12-03_11:05:55.log-
2025-12-03_11:05:55.log-
2025-12-03_11:05:55.log-Timing information
2025-12-03_11:05:55.log- DBentry = 4.703
2025-12-03_11:05:55.log-    get = 59718.712
2025-12-03_11:05:55.log-    close = 0.030
```

16.6 hours!