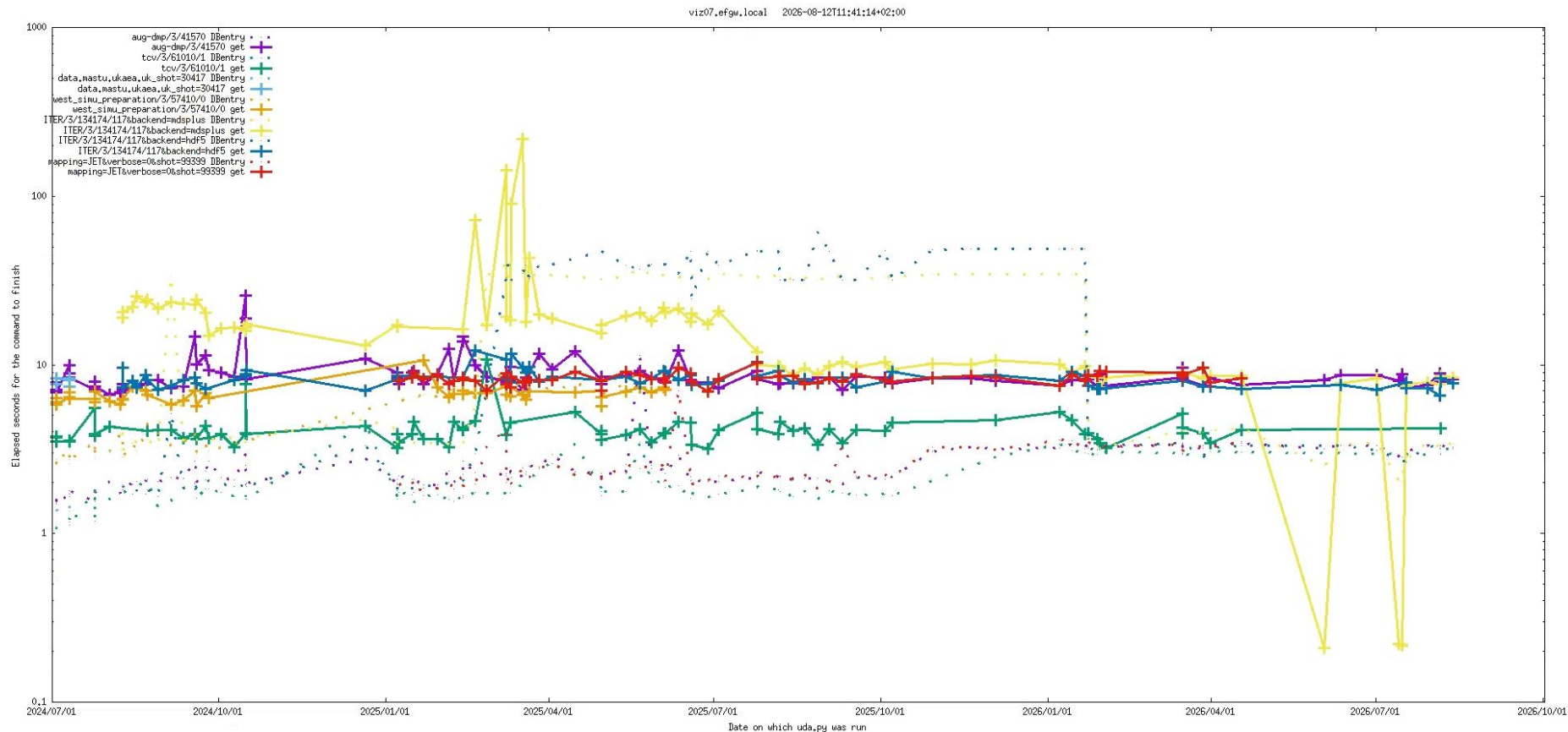


DMP Implementation Status of IPP

2026-08-12

Data access times: run on Gateway



TCV back briefly

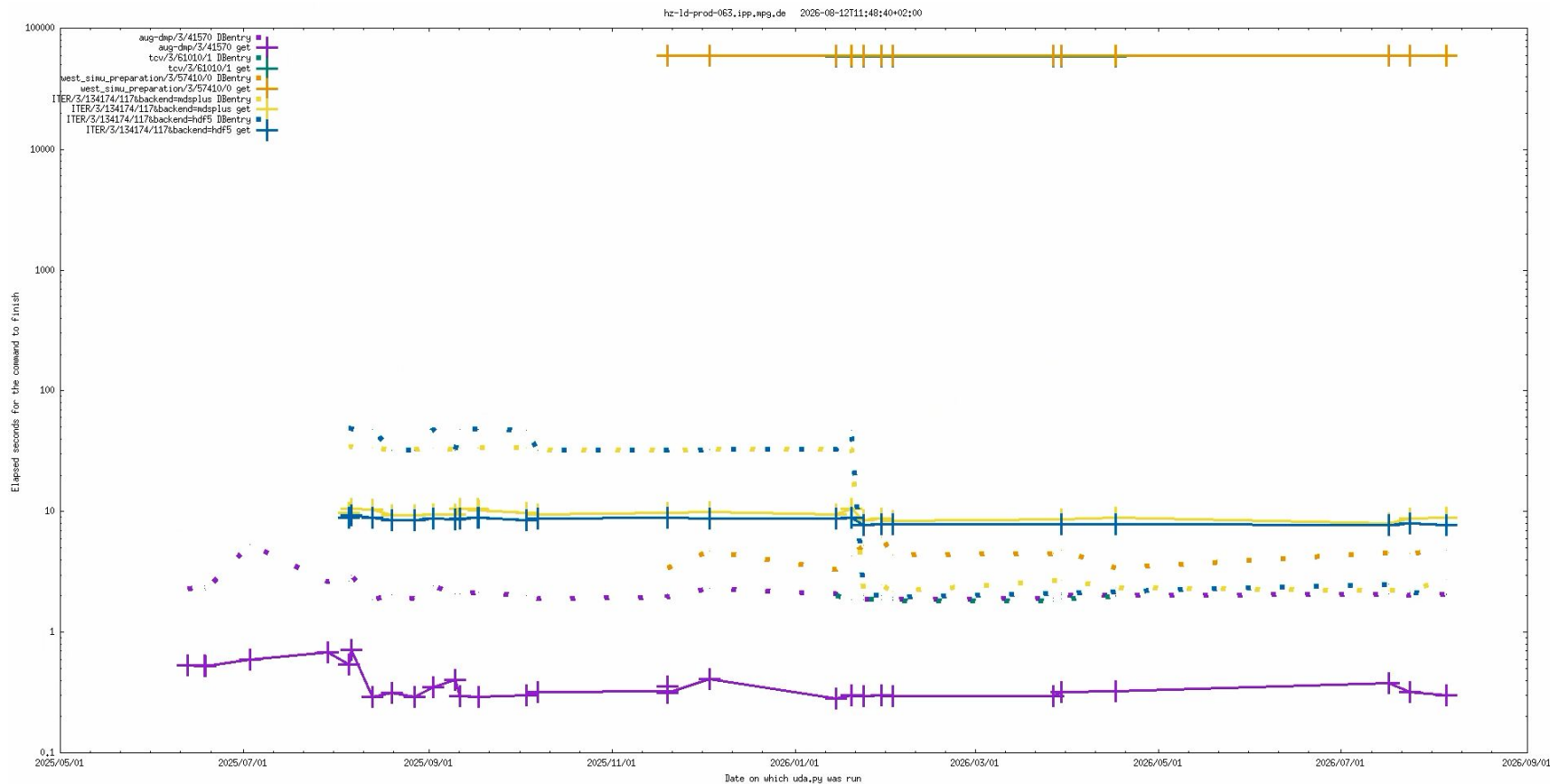
```
grep -A5 'imas://spcimasdata.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/61010/1' 2026-08-05_09:33:37.log 2026-08-05_14:43:00.log  
2026-08-12_11:27:49.log
```

```
2026-08-05_09:33:37.log:Accessing data from imas://spcimasdata.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/61010/1/&backend=mdsplus  
2026-08-05_09:33:37.log-ERROR:root:b'al_begin_dataentry_action: [ALException = [createConnection]: Connection refused\n[idamClient]: No Socket  
Connection to Server\n']  
2026-08-05_09:33:37.log-  
2026-08-05_09:33:37.log-DBEntry failed after 18.594 seconds  
2026-08-05_09:33:37.log-  
2026-08-05_09:33:37.log-
```

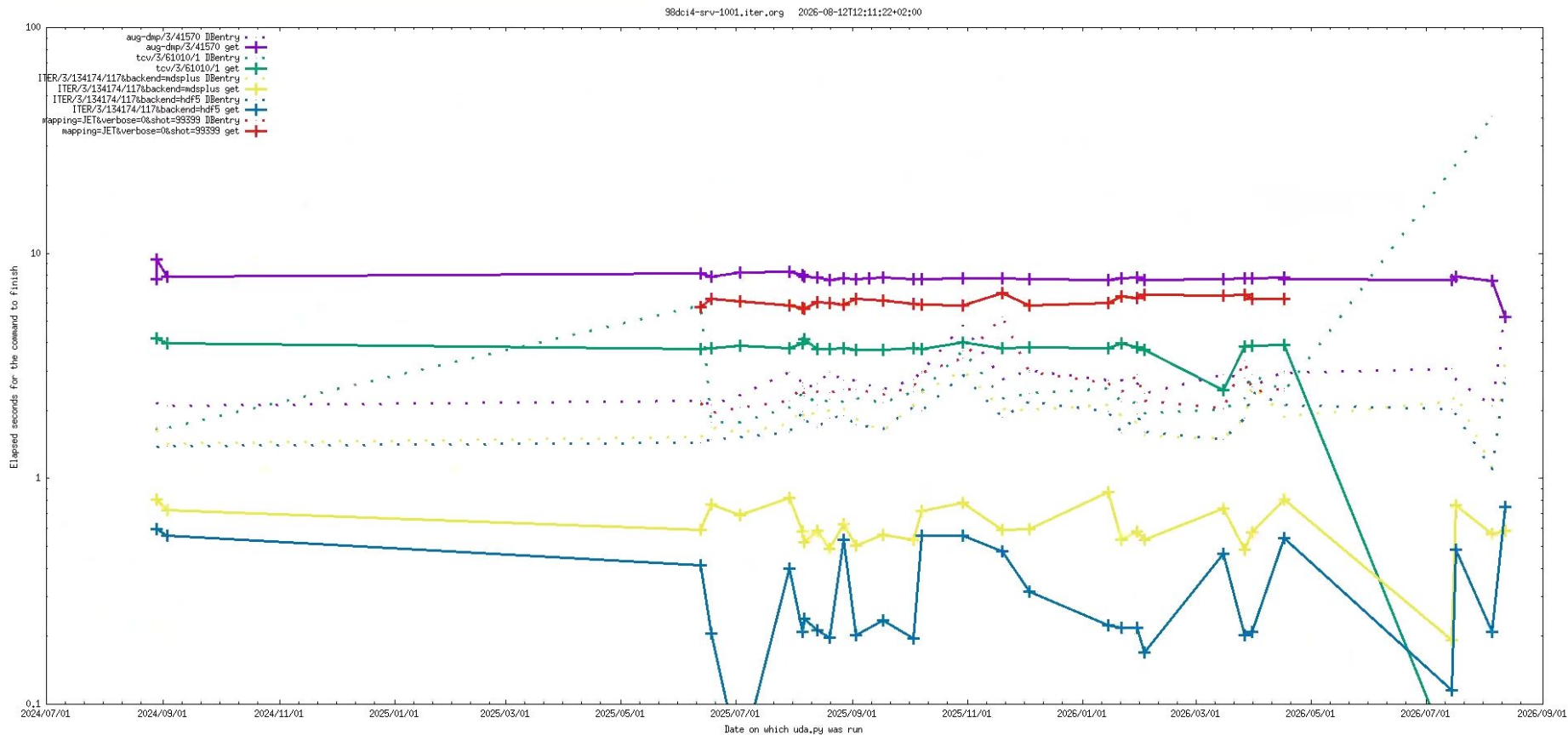
```
--  
2026-08-05_14:43:00.log:Accessing data from imas://spcimasdata.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/61010/1/&backend=mdsplus  
2026-08-05_14:43:00.log-Available IDSes are: ['summary']  
2026-08-05_14:43:00.log-  
2026-08-05_14:43:00.log-Timing information  
2026-08-05_14:43:00.log- DBEntry = 2.920  
2026-08-05_14:43:00.log- get = 4.215  
--
```

```
2026-08-12_11:27:49.log:Accessing data from imas://spcimasdata.epfl.ch:443/uda?path=/data/imas/public/imasdb/tcv/3/61010/1/&backend=mdsplus  
2026-08-12_11:27:49.log-ERROR:root:b'al_begin_dataentry_action: [ALException = [createConnection]: Connection refused\n[idamClient]: No Socket  
Connection to Server\n']  
2026-08-12_11:27:49.log-  
2026-08-12_11:27:49.log-DBEntry failed after 25.672 seconds  
2026-08-12_11:27:49.log-  
2026-08-12_11:27:49.log-
```

Data access times: run on IPP (Horizon)



Data access times: run at ITER



Version at ITER is using IMAS-PYTHON

- Mostly working for “list” option
- Slightly faster accessing IPP
 - Added “;cache_mode=none” to the URI entries
 - Use “data.get(ids, lazy=True, autoconvert=False)”
- Still fighting some issues for accessing particular IDSes
 - Need the “-l” option to force lazy loading
 - Or drop the “;cache_mode=none” in the URI