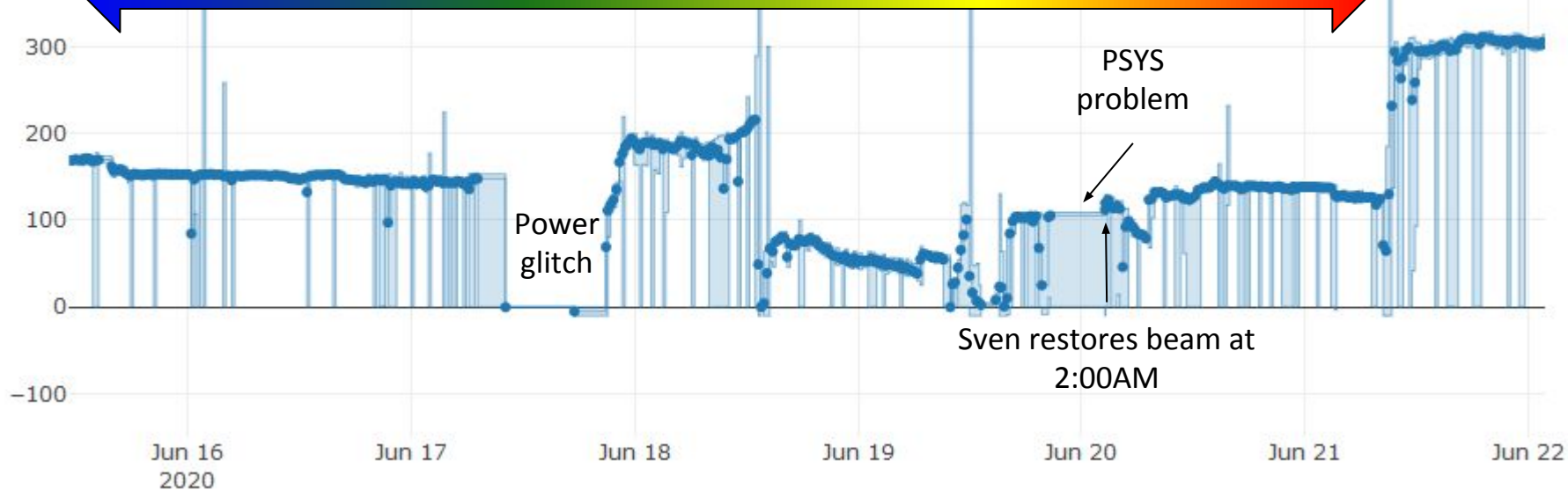
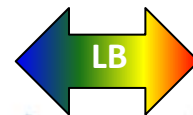
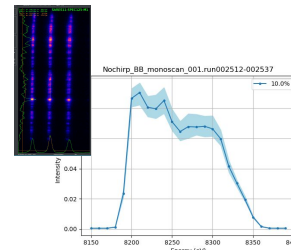
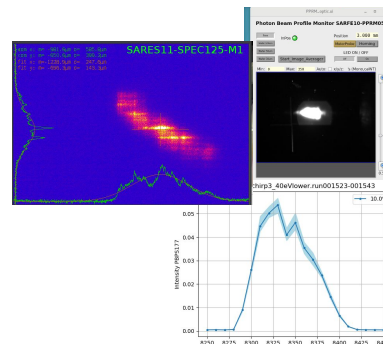
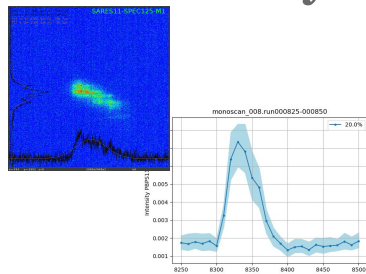
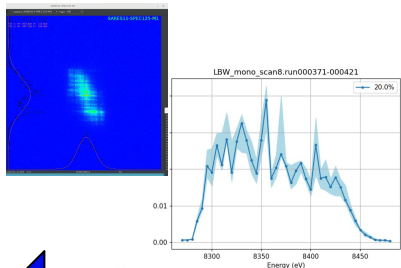


Alvra beamtime SEM

C. David 20191730

Towards single-shot XAS on transition metals at Aramis

Beamtime summary

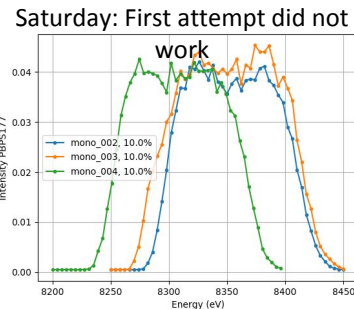
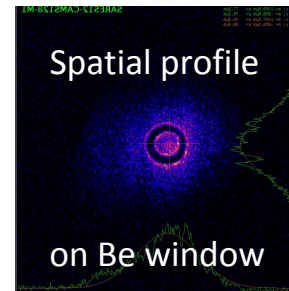


Pros:

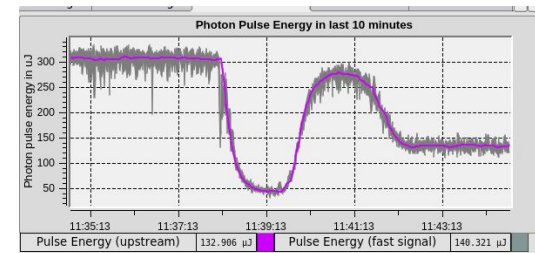
- Change machine mode “on demand”
- Restore machine in the middle of the night
- Thanks to Tine for debugging ROIs and camera problems

Cons:

- Be window is the source of the “blob” on the beam profile
- Camera data corrupted in HDF files
- Camera server load greatly affected reliability
- Controls issues: A couple of devices not working (OATT053 & OAPU104) and OAPU044 dead after power glitch and not checked
- Change of photon energy from the control room

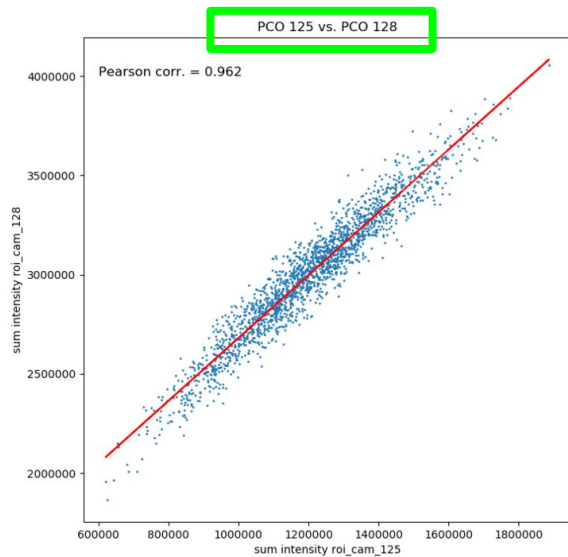


Sunday: A couple of attempts did not work



Intensity correlations

Last week we showed nice shot-to-shot correlation between the two cameras, but bad correlation between cameras and intensity monitors (PBPS, gas detector).



However, with careful selection of ROIs and background subtraction in the camera data, the correlation between cameras and intensity monitors was good.

