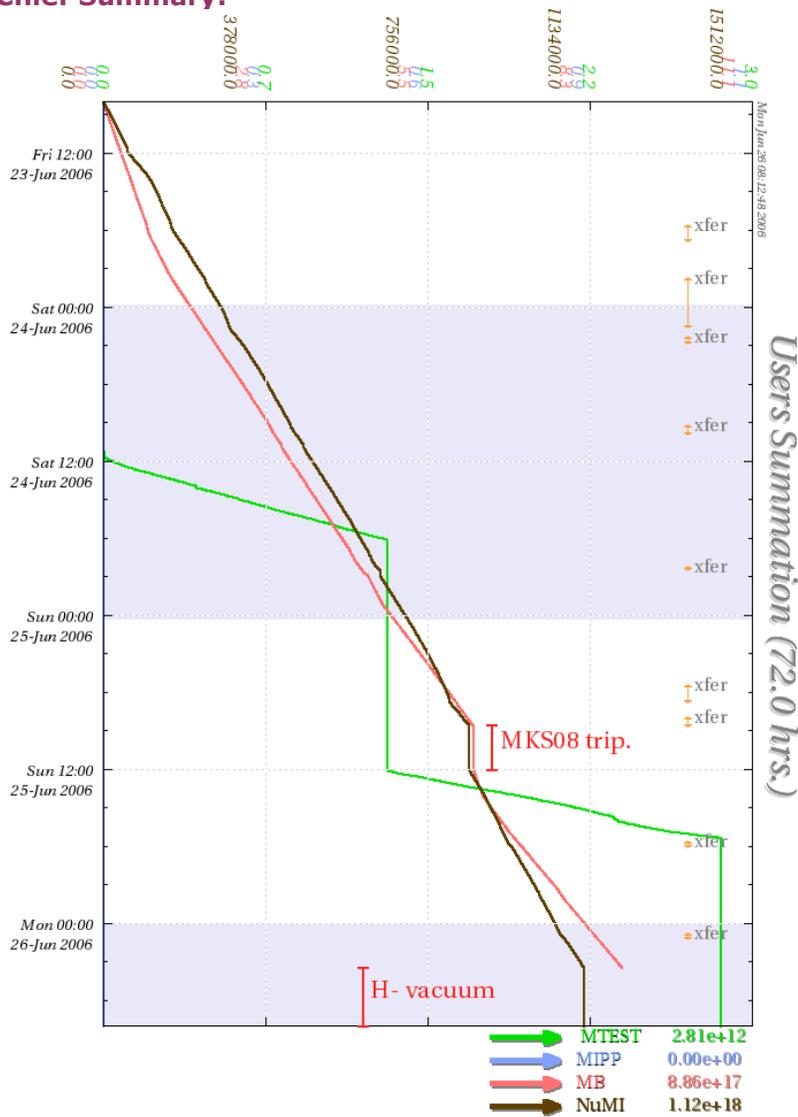
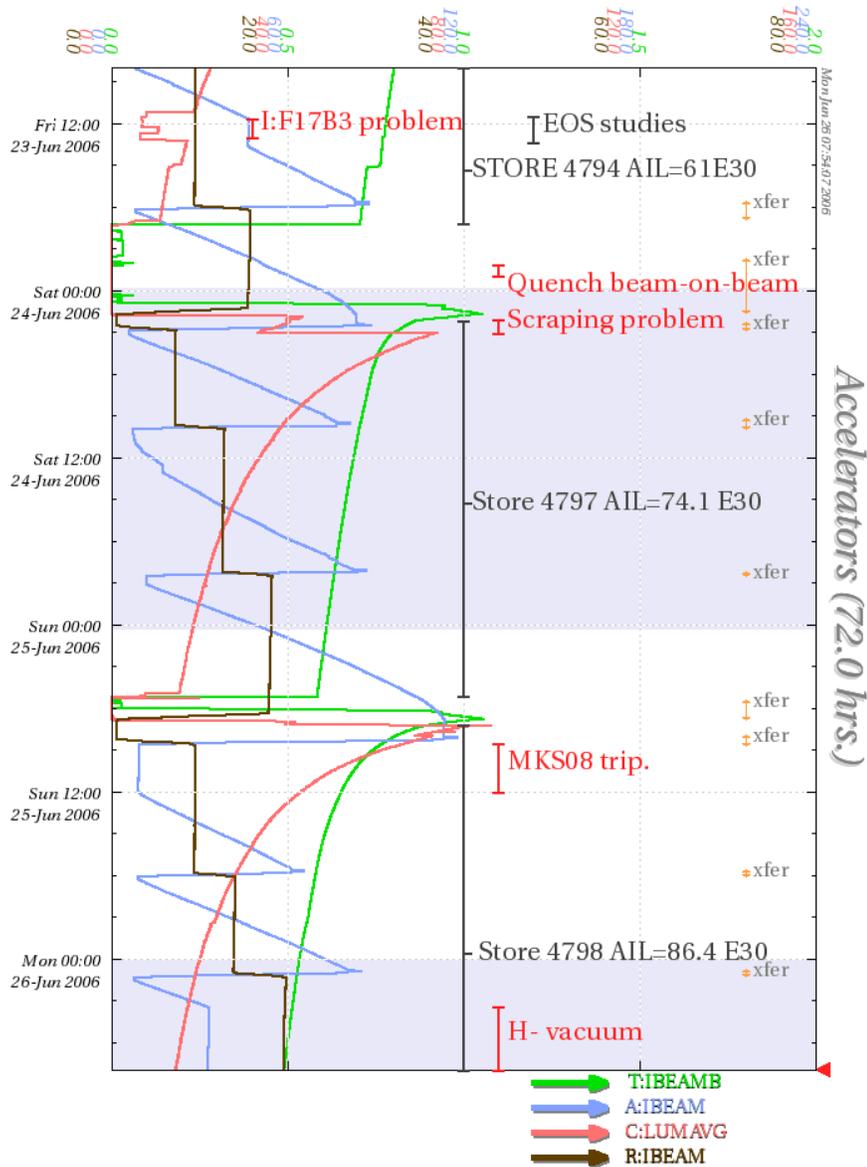


• **Crew Chief Summary:**





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- **Notes from Run Coordinator:**
 - Uptime was good.
 - H- source and Booster kicker were main downtime.
 - Last two stores, luminosity was lower than expected. Proton lifetime problems. MI drop off in Coal. Eff. Luminosity readbacks now match.
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - Turbo pump on H- has a leak. Working on it.
 - I- was started up. Had a gas valve problem.
 - If H- turbo is fixed, we'll stay on H-. Else, we can switch over to I-.
 - Requests:
 - NTF calibration run
 - **Booster**
 - Summary:
 - Friday put in secondary collimators- reduced losses.
 - Need to work on intensity and efficiency

- Need to work on intensity and efficiency
 - Bad low level unit on MKS08. Used spare from second notcher supply.
 - 9 T, 83% stacking
 - 7 T, 88% Numi,
 - Requests:
 -
- **Main Injector**
 - Summary:
 - Coal eff - 8 Gev 1.8ev-Sec.
 - Emittance - 4797 is better than 4798.
 - 4797 not as good for number of pbars
 - Friday, established slow spill to SY120. Efficiency low at 13%.
 - P1 line toroids have offsets, will need to be fixed.
 - Requests:
 - RF13 modulator is bad. 30 minutes no beam to fix it.
- **Pbar**
 - Summary:
 - Oscillation overthrustrer problems
 - POT - 5.4e12
 - 13.1 to 13.4 best stacking
 - 87% ave transfer eff
 - Requests:
 -
- **Tevatron**
 - Summary:
 - Put in IP changes at CDF and D0.
 - Did a proton only to look at orbits and tunes.
 - The Vertical orbit needs to be smoothed.
 - 2 stores over the weekend suffered from losses at the beginning of the store.
 - 1st store. D49 collimator didn't move into the beam. Slipping? On next access, will need to diagnose this.
 - Next store had problems with losses at the beginning of the store.
 - Raised vertical tune 0.002.
 - Pbar closure system is still having problems. Would like to have Vic take a look
 - TEL tripped off last night
 - Requests:
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- **Recycler**
 - Summary:
 - Contribute poor coalescing. Could not turn on e- cool. Experts had to assist. Was 10% larger than normal at shot time.
 -
 - Requests:
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- **SY120**
 - Summary:
 - Beam to SY dump
 - Saturday noon, ran to Mtest. Current user will be here this week. Next group (CMX pixel group) comes at the end of the week and will be here for three weeks.
 - Have tune-up to do during the week.
 - Requests:
 -
- **MiniBooNE**

- Summary:
 - Ran steady
 - Friday went from 4 to 6 or 7 turns.
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 - Requests:
 - Special run for LMC.
 - **NuMI**
 - Summary:
 - Up in turns
 - Permit system only tripped twice.
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 - Requests:
 - 15 minutes of interleaved beam with 2 seconds per cycle.
 -
 - **CDF**
 - Summary:
 - On Friday, 4794
 - New beam trajectories are good.
 - Luminosity readback - experts are working on it. Will readback a little low until problem is resolved.
 - Store on Saturday - forward cal. Shower max system had some problems.
 - Requests:
 - 2.5 hour access - this afternoon.
 - 2.5 hours of quiet time.
 - **DO**
 - Summary:
 - Ran ok at 85%
 - Beam spot move was fine for us
 - Saturday was not a good day. 55%. Several major downtimes. L2 and moun systems were not behaving well together. Had another L2 low volt crash (2.5 hrs downtime)
 - Running again at 85%.
 - Requests:
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 - **FESS**
 - Summary:
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 - Requests:
 -
 - **Mechanical**
 - Summary:
 -
 - Requests:
 -
 - **Other**
 - Summary:
 -
 - Requests:
 -
- **The Plan**
 - Summary:
 - Terminate store
 - Shot - hopefully proton losses and coalescing is better.
 - Booster work to improve number of delivered protons
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 - Requests:
 - Cryo take down the N2 compressor