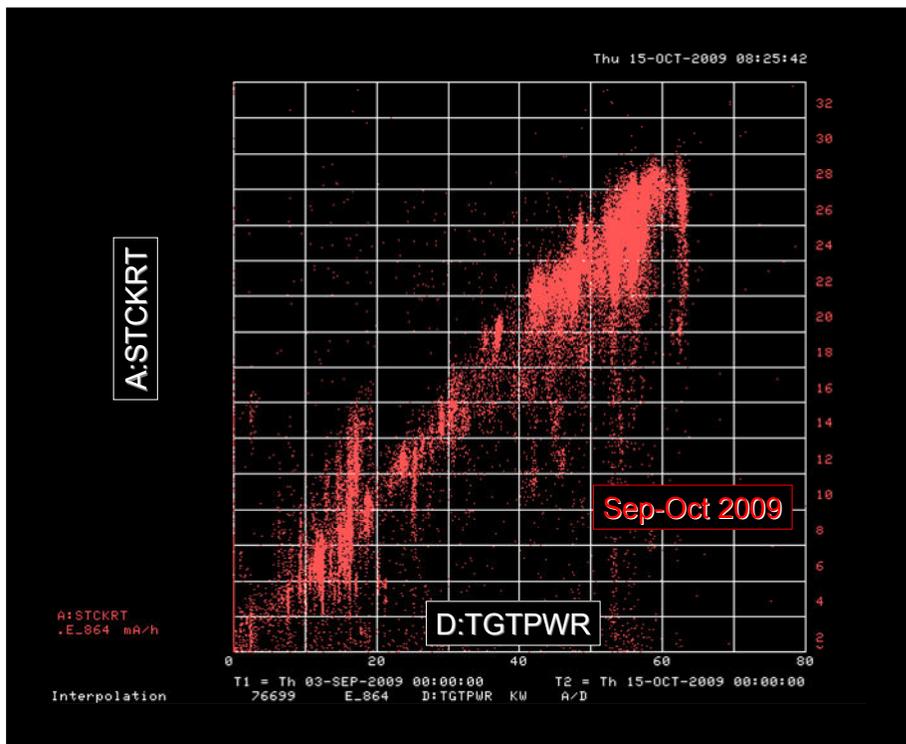
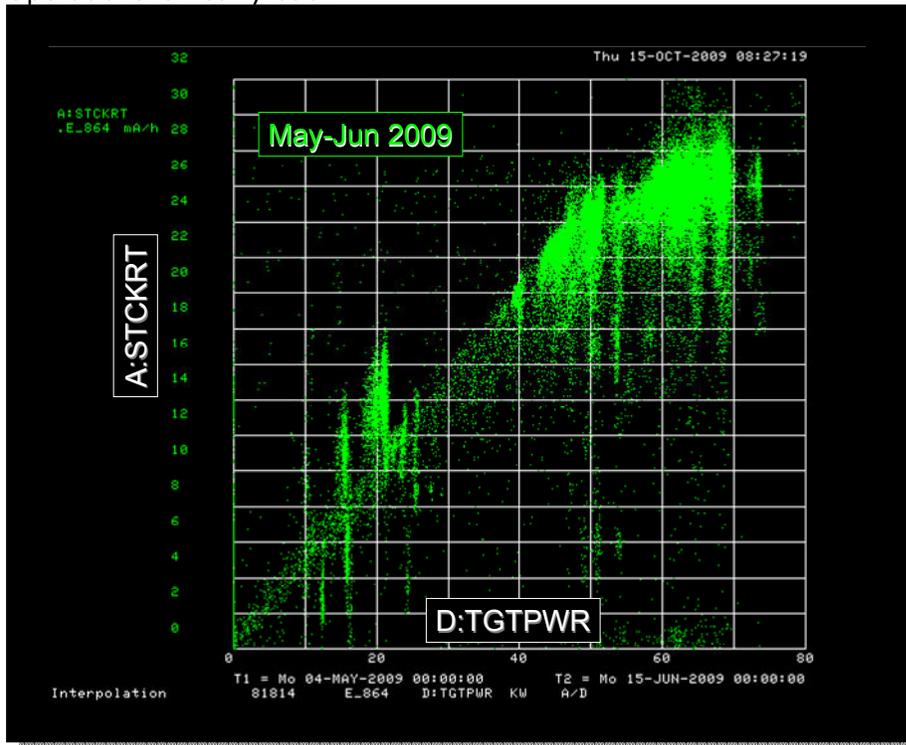
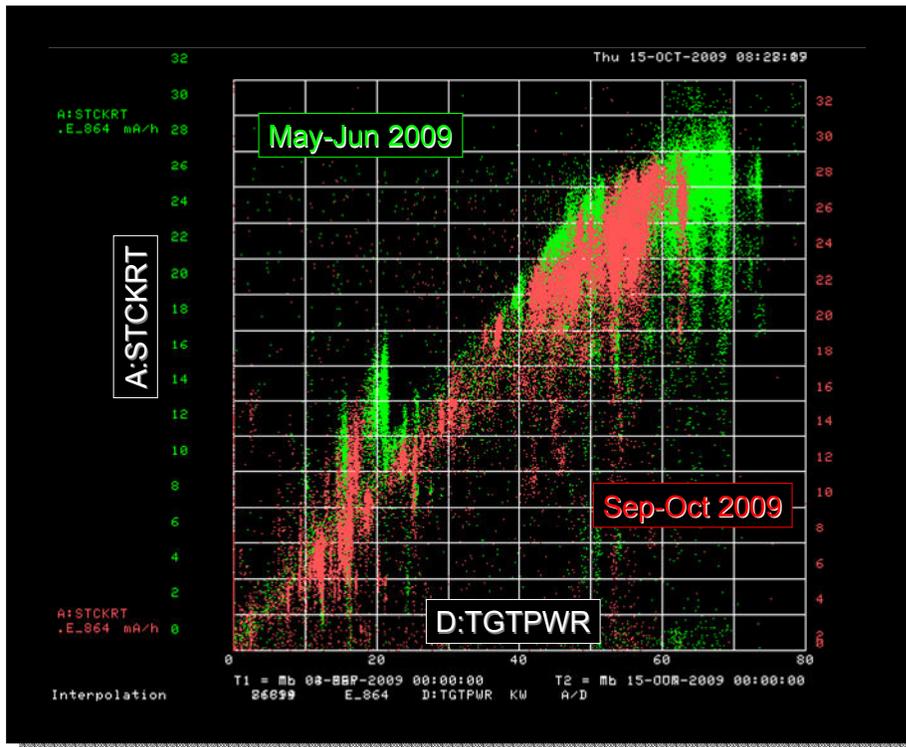


2009-10-15 Pbar Department Meeting

Thursday, October 15, 2009
9:56 AM

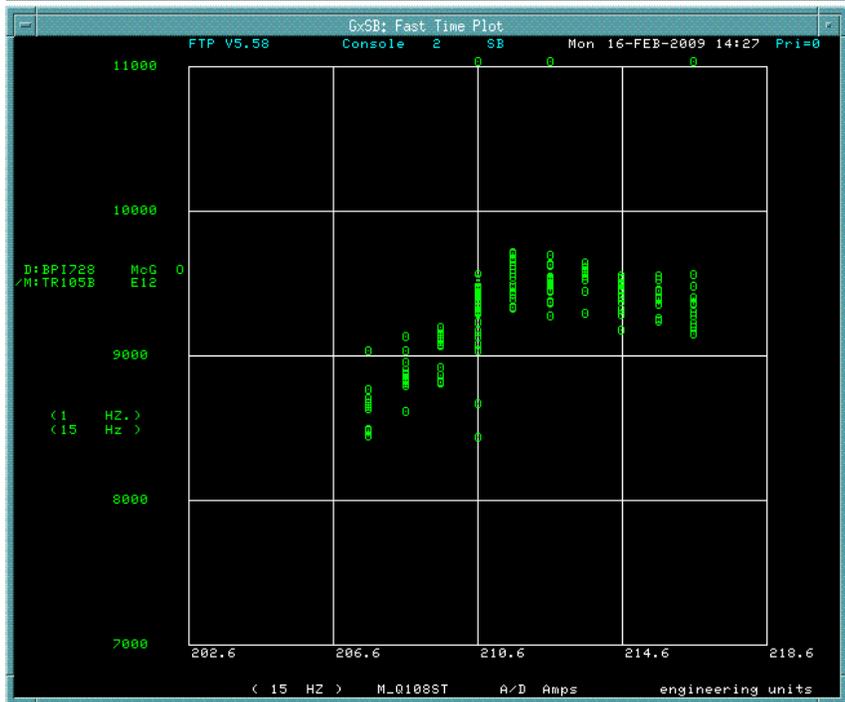
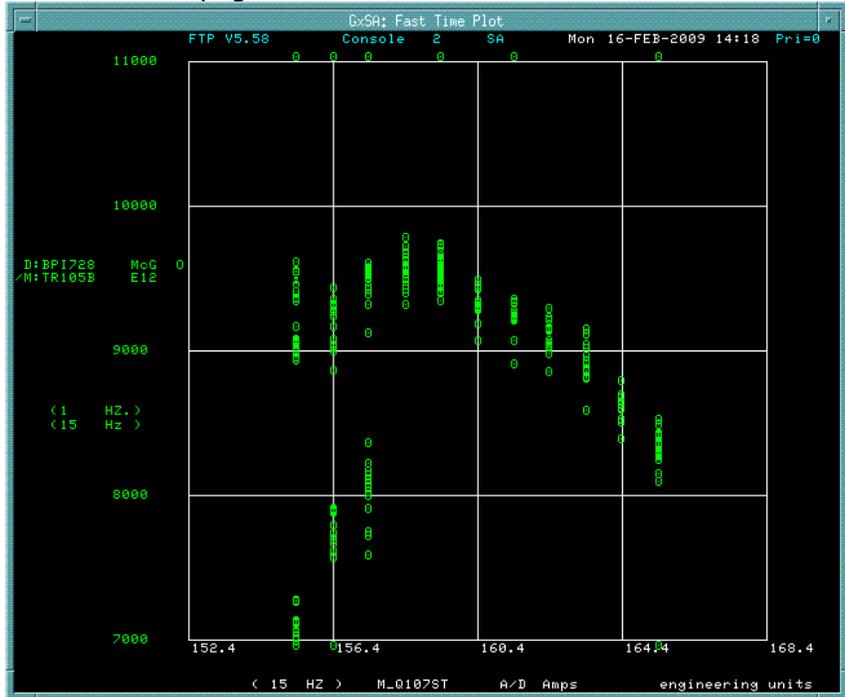
- Loto
 - Loto for Supervised Access
- Operations is nearly back





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- Topic
 - Operations
 - Nearly back (await protons)
 - Studies/Tuning
 - Keep Pbar Machine Coordinator informed
 - If can't find, contact on-call
 - Document
 - A3B7
 - Excursion frequency and amplitudes
 - Spare moved to Tech Div. on Tuesday
 - Came apart fine
 - Passed electrical and hydro inspection
 - On its way to test facility today.
 - Main measurement guy is not available for two weeks.
 - We want them to turn on to optimal current and get a measurement.
 - Change-out
 - 5-7 days
 - New rigging contract in beginning of fiscal year. Getting training today.
 - Waiting to line up with other downtime
 - Pelletron? Has settled down somewhat.
 - Everyone has shutdown work of a few days
 - ◆ Mi wire
 - ◆ Tevatron rolled quad
 - ◆ Etc.
 - Thanksgiving Nov. 26th...
 - Proton Spot Size
 - Want stable beam
 - Ran 10 days at 6.8e12, then started upping beam.
 - Payoff is Yield in AP2 and Debuncher
 - Study Plan?
 - Target moves once a day based on protons on target. Moving down, then up. By end of month will be to top of target.
 - Entry 56 in 2009 Elog there are nice pictures of quad scan
 - ◆ <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar09&action=view&page=56&load=>

&action=view&page=56&load=



- ◆ Center of plots is where we operate
- ◆ Currently at 9000, so whole curve is down.
- Do we want to wait for the SEM?
 - ◆ Probably not going to make this a priority
 - ◆ We can go back and make spot size measurements with the SEM later.
- Plan is to back off on turns, reproduce curves, then tune downstream.
- BPMs at 702 and 704 not reading like expected.
 - Did one bumps and it didn't match the model.
- AP2 overthruer still off
 - Shows big errors
 - Can't completely converge
 - Overall the BPM values have a wider spread when run when not running.
- a