

2011-08-10 Wednesday Morning Notes

Wednesday, August 10, 2011

7:48 AM

Operational Notes

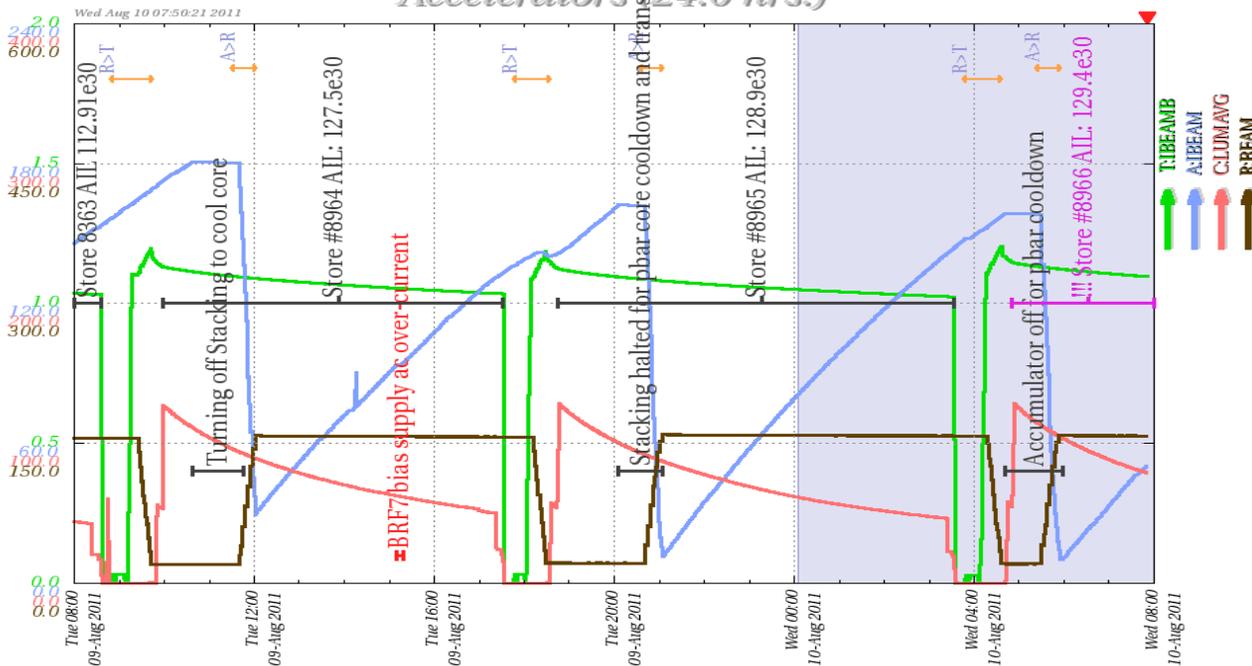
- Large stacks because Pelletron is broken

Numbers

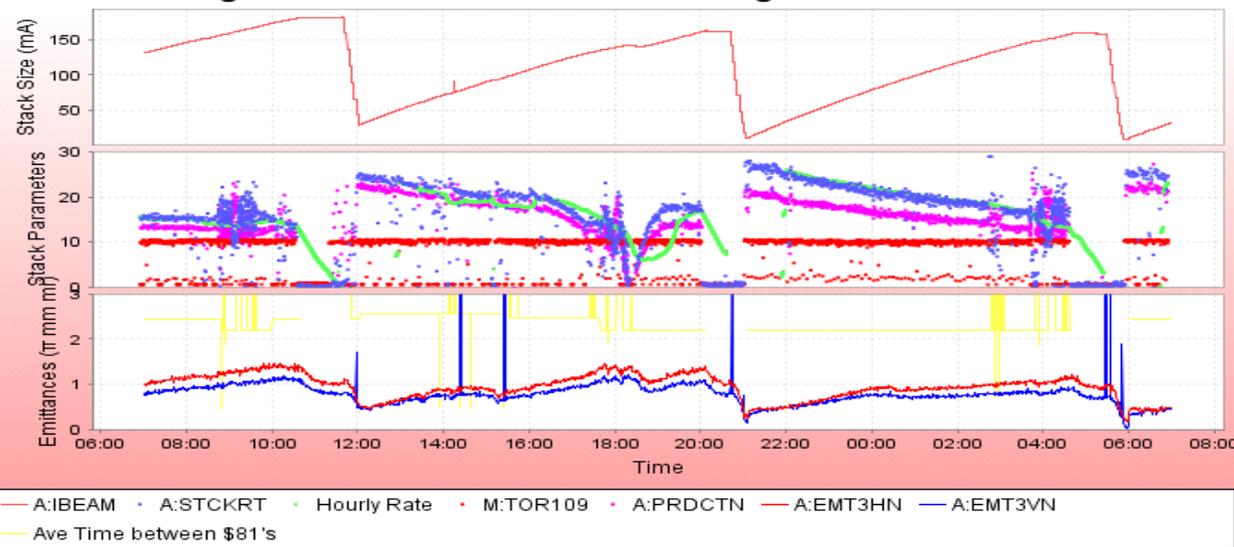
- Stacking
 - Pbars stacked: 368.21 E10
 - Time stacking: 22.61 Hr
 - Average stacking rate: 16.29 E10/Hr
- Uptime
 - Number of pulses while in stacking mode: 30948
 - Number of pulses with beam: 29506
 - Fraction of up pulses was: 95.34%
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 21.55 Hr
 - Possible average stacking rate: 17.08 E10/Hr
 - Could have stacked: 386.20 E10/Hr
- Recycler Transfers
 - Pbars sent to the Recycler: 449.99 E10
 - Number of transfers : 23
 - Number of transfer sets: 3
 - Average Number of transfer per set: 7.67
 - Time taken to shoot including reverse proton tuneup: 00.08 Hr
 - Transfer efficiency: 93.46%
- Other Info
 - Average POT : 7.89 E12
 - Average production: 15.82 pbars/E6 protons

Plots

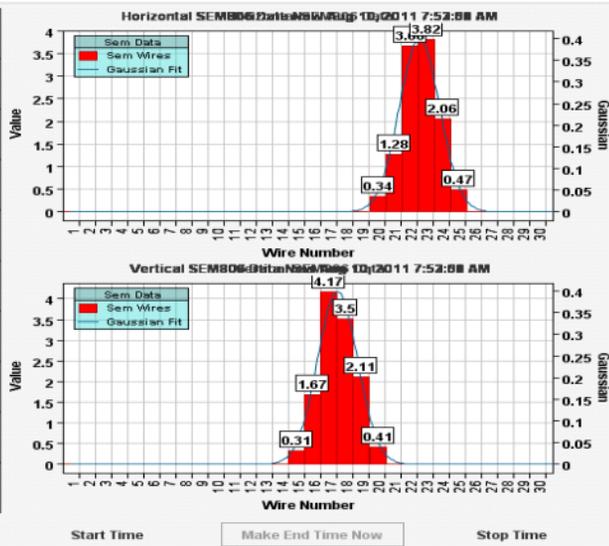
Accelerators (24.0 hrs.)



Tue Aug 09 07:00:00 CDT 2011 -- Wed Aug 10 07:00:00 CDT 2011



Horizontal Area New	11.62	Intensity
Horizontal Area Calc	206.12	Intensity
Horizontal Sigma New	3.32	mm
Horizontal Sigma Calc	3.13	mm
Horizontal Mean	22.91	mm
Vertical Area New	12.18	Intensity
Vertical Area Calc	210.65	Intensity
Vertical Sigma New	3.32	mm
Vertical Sigma Calc	3.12	mm
Vertical Mean	7.64	mm



View Lumberjack Data Pause Old Hardware

Start Time Make End Time Now Stop Time

