

2011-08-25 Thursday Morning Notes

Thursday, August 25, 2011
7:56 AM

Numbers

- Stacking
 - Pbars stacked: 481.87 E10
 - Time stacking: 23.11 Hr
 - Average stacking rate: 20.85 E10/Hr

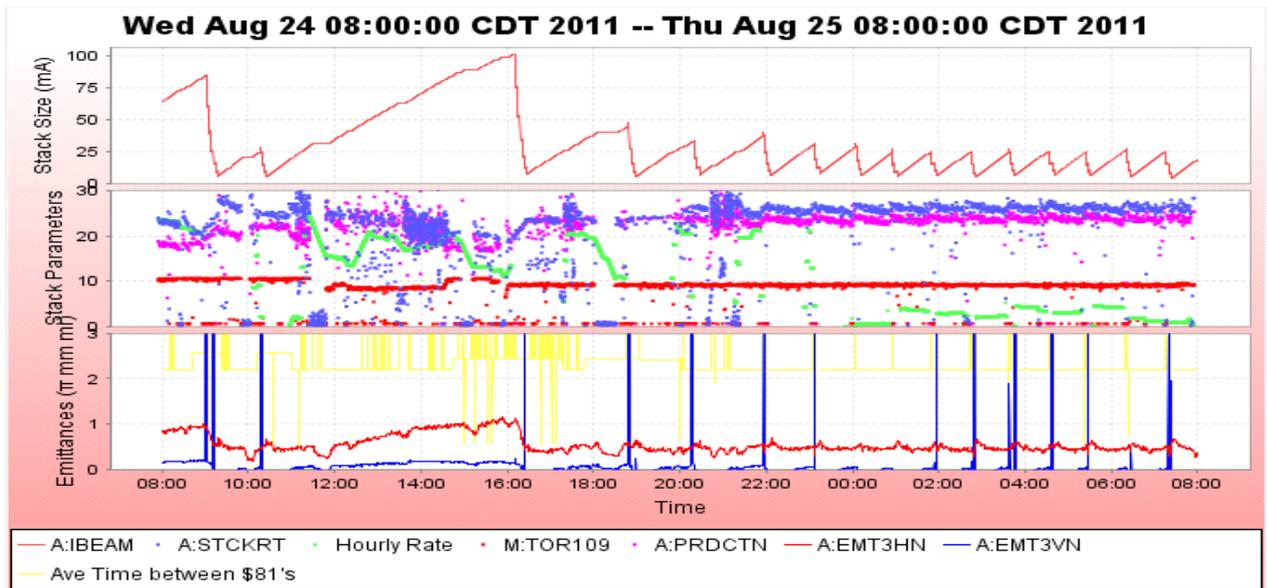
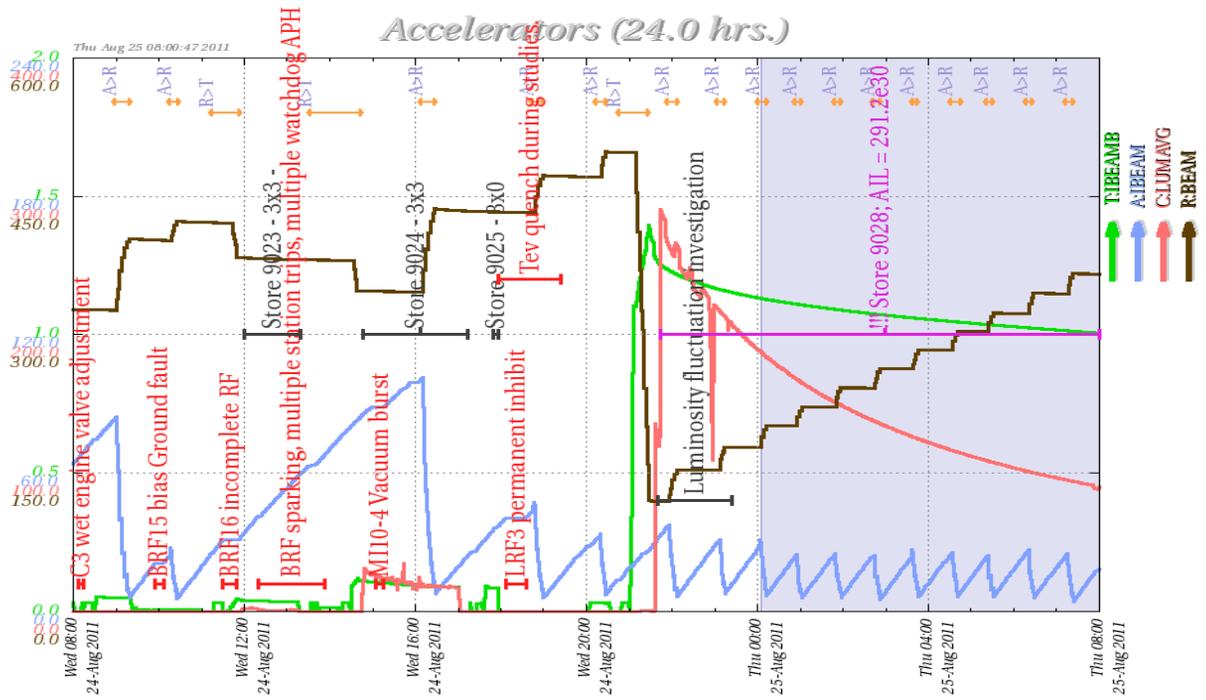
- Uptime
 - Number of pulses while in stacking mode: 35559
 - Number of pulses with beam: 32387
 - Fraction of up pulses was: 91.08%

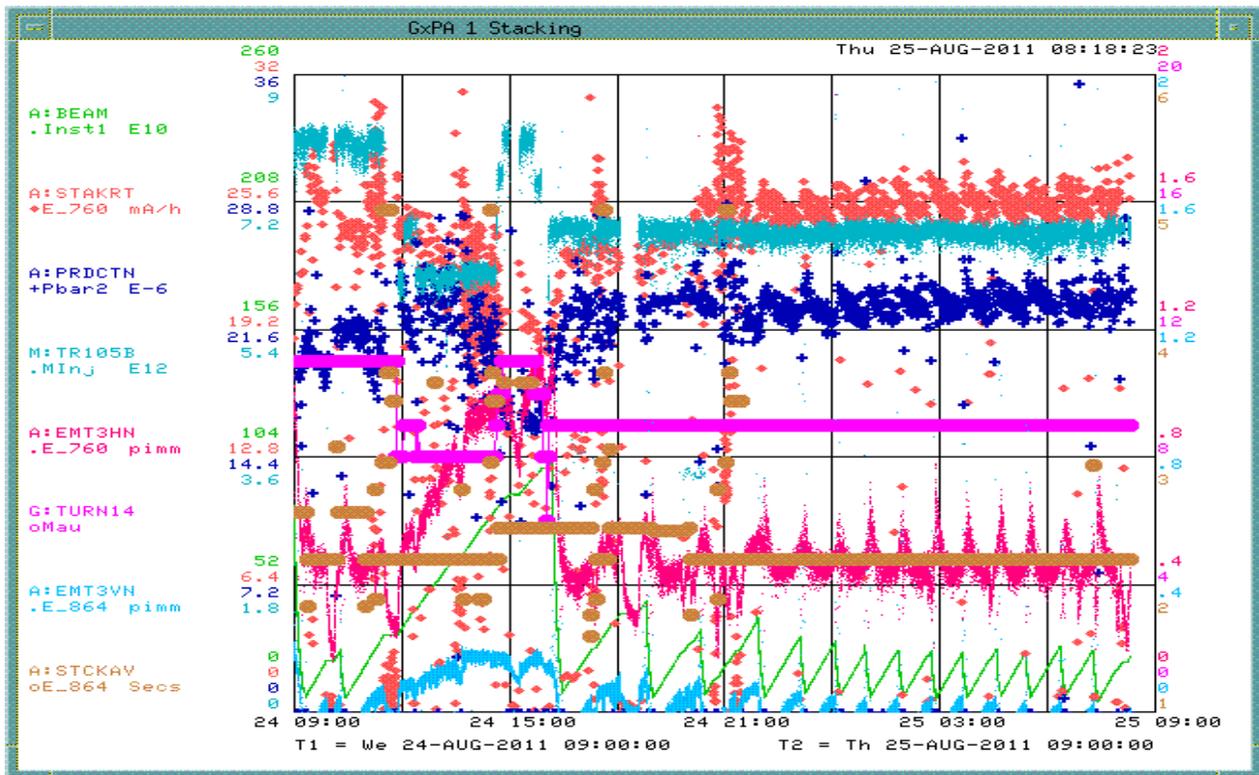
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 21.05 Hr
 - Possible average stacking rate: 22.89 E10/Hr
 - Could have stacked: 529.06 E10/Hr

- Recycler Transfers
 - Pbars sent to the Recycler: 512.99 E10
 - Number of transfers : 55
 - Number of transfer sets: 16
 - Average Number of transfer per set: 3.44
 - Time taken to shoot including reverse proton tuneup: 00.19 Hr
 - Transfer efficiency: 95.58%

- Other Info
 - Average POT : 6.90 E12
 - Average production: 21.56 pbars/E6 protons

Plots





| | | |
|-----------------------|---------------|-----------|
| Horizontal Area New | 9.79 | Intensity |
| Horizontal Area Calc | 173.51 | Intensity |
| Horizontal Sigma New | 2.98 | mm |
| Horizontal Sigma Calc | 2.81 | mm |
| Horizontal Mean | 23.3 | mm |
| Vertical Area New | 10.15 | Intensity |
| Vertical Area Calc | 175.62 | Intensity |
| Vertical Sigma New | 3.02 | mm |
| Vertical Sigma Calc | 2.84 | mm |
| Vertical Mean | 7.65 | mm |

