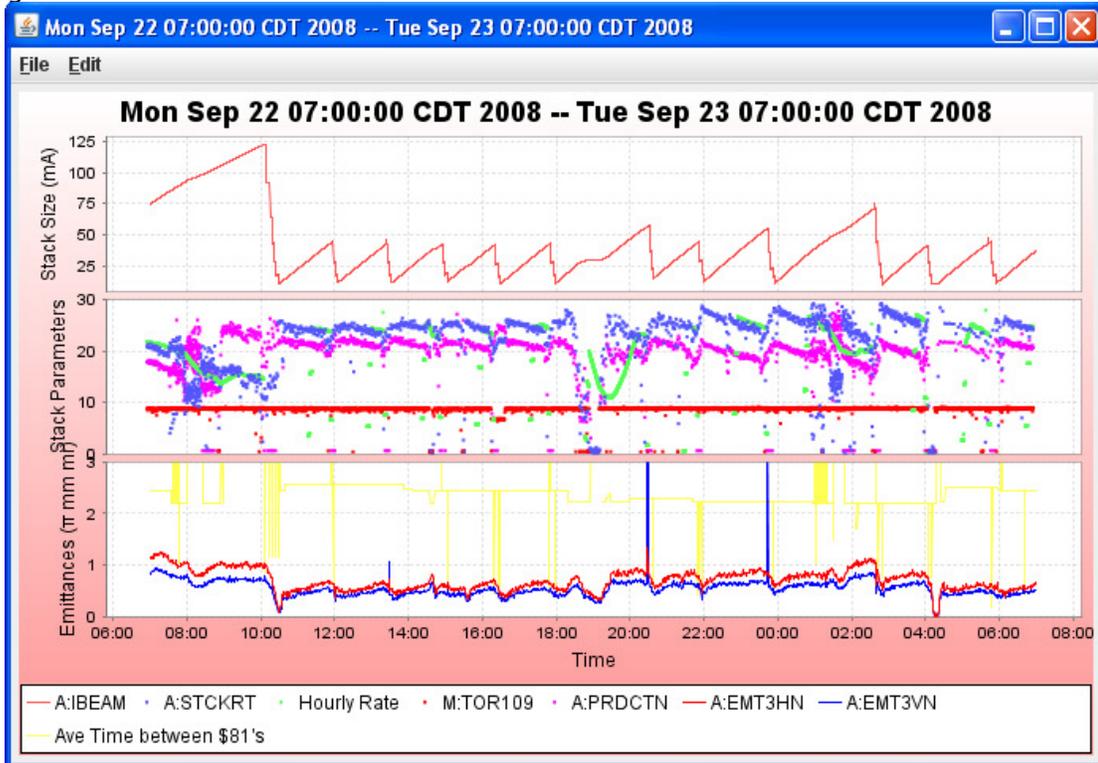


# 2008-09-23 Tuesday Morning Pbar Notes

Tuesday, September 23, 2008  
7:18 AM

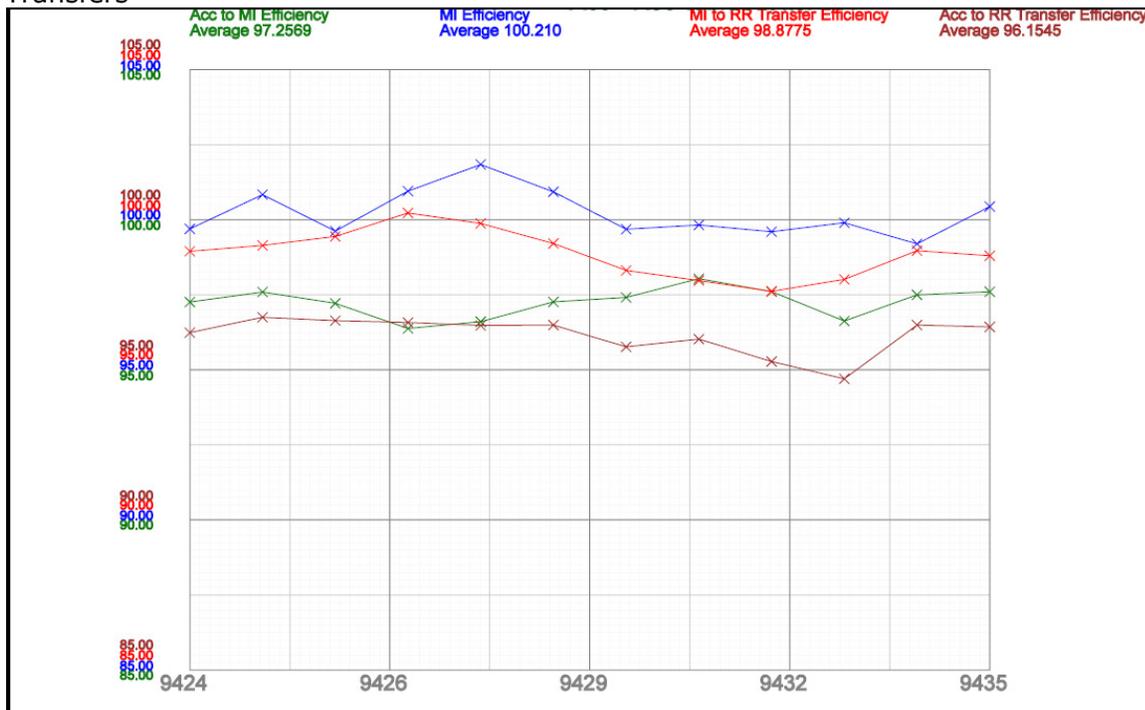
## Stacking



- 
- A:IKIK module 1 now at 47KV.
- D:LKESUM finally dry after the rain.
- A:R1TMPL jumped up from 83-deg F to 92-degF.
  - Ops added a fan, but ARF1 started doing funny things, only pulsing every other time.
  - Don't correlate to any building temperature.

## Transfers

## Transfers



## Studies

### Other

- Paul's Numbers
  - Most in an hour: 26.36 mA at Tue Sep 23 03:49:40 CDT 2008
  - Best: 27.01 mA on 03-Jun-08
  - Average Production 18.20 e-6/proton Best: 25.41 e-6/proton on 01/30/2008
  - Average Protons on Target 7.73 e12 Best: 8.77 e12 on 07/24/2007
  - Largest Stack 122.86 mA Best: 313.58 mA on 02/18/2008
- Al's Numbers
  - Stacking
    - Pbars stacked: 509.56 E10
    - Time stacking: 23.81 Hr
    - Average stacking rate: 21.40 E10/Hr
  - Uptime
    - Number of pulses while in stacking mode: 33999
    - Number of pulses with beam: 32780
    - Fraction of up pulses was: 96.41%
  - The uptime's effect on the stacking numbers
    - Corrected time stacking: 22.96 Hr
    - Possible average stacking rate: 22.19 E10/Hr
    - Could have stacked: 528.51 E10/Hr
  - Recycler Transfers
    - Pbars sent to the Recycler: 546.91 E10
    - Number of transfers : 41
    - Number of transfer sets: 12
    - Average Number of transfer per set: 3.42
    - Time taken to shoot including reverse proton tuneup: 00.19 Hr
    - Transfer efficiency: 95.22%
  - Other Info
    - Average POT : 8.05 E12
    - Average production: 19.32 pbars/E6 protons

