

# The Story So Far

February 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11 4K Wave	12	13	14	15 Cold in both rings	16
17	18 PP12 lattice test evening	19	20	21	22	23
24	25	26	27	28	29	30
PS gave us e-lens		First Collisions			Overnight Stores 109x109	
					Start Physics	

## March 2013

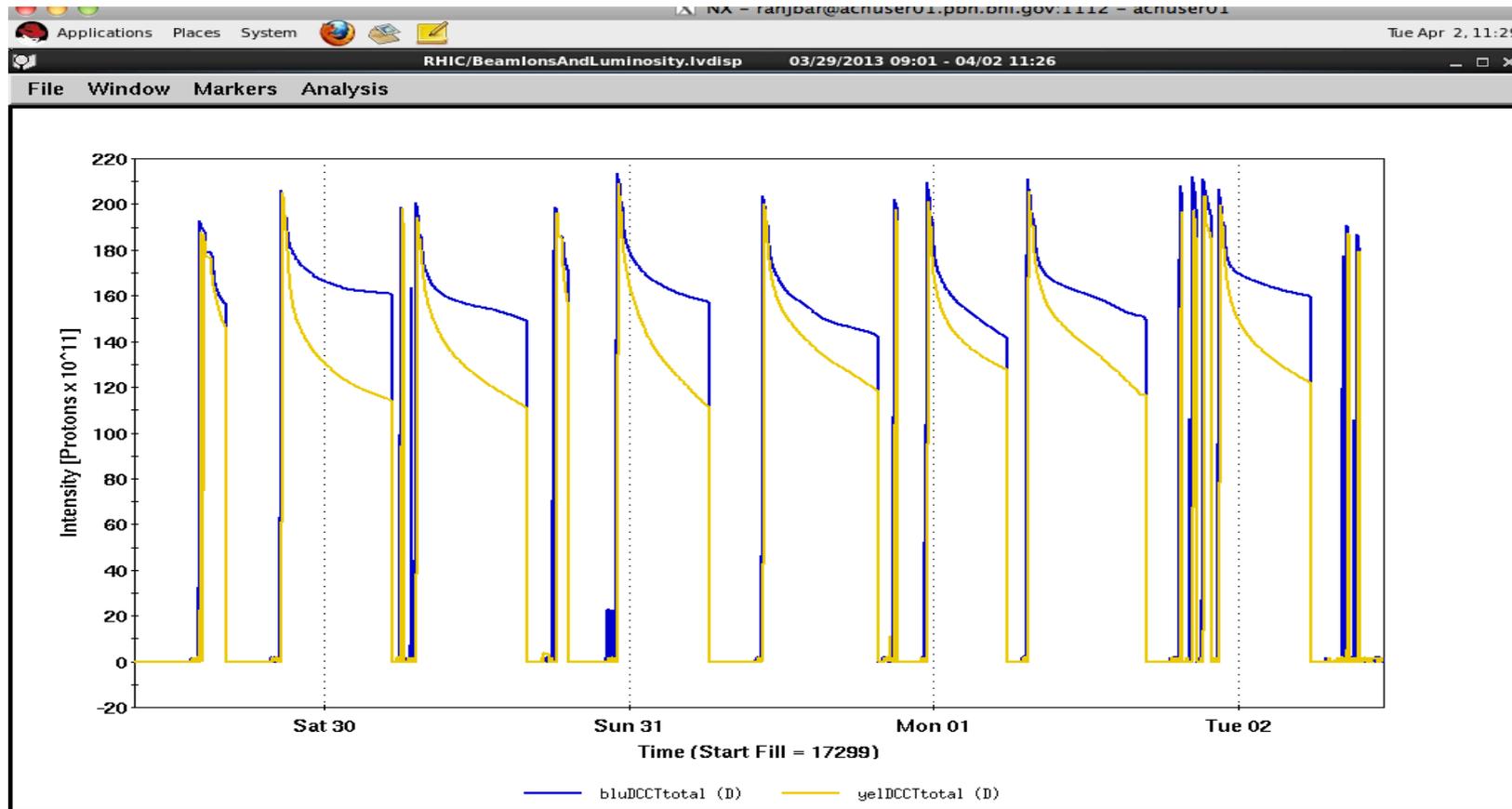
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11 6 hour stores with tune between				15 PA Maintenance	16
17	18	19	20 PA Maintenance	21	22	23
24	25 8hr Stores		27 APEX	28	29	30
31	Inject = 200e11					

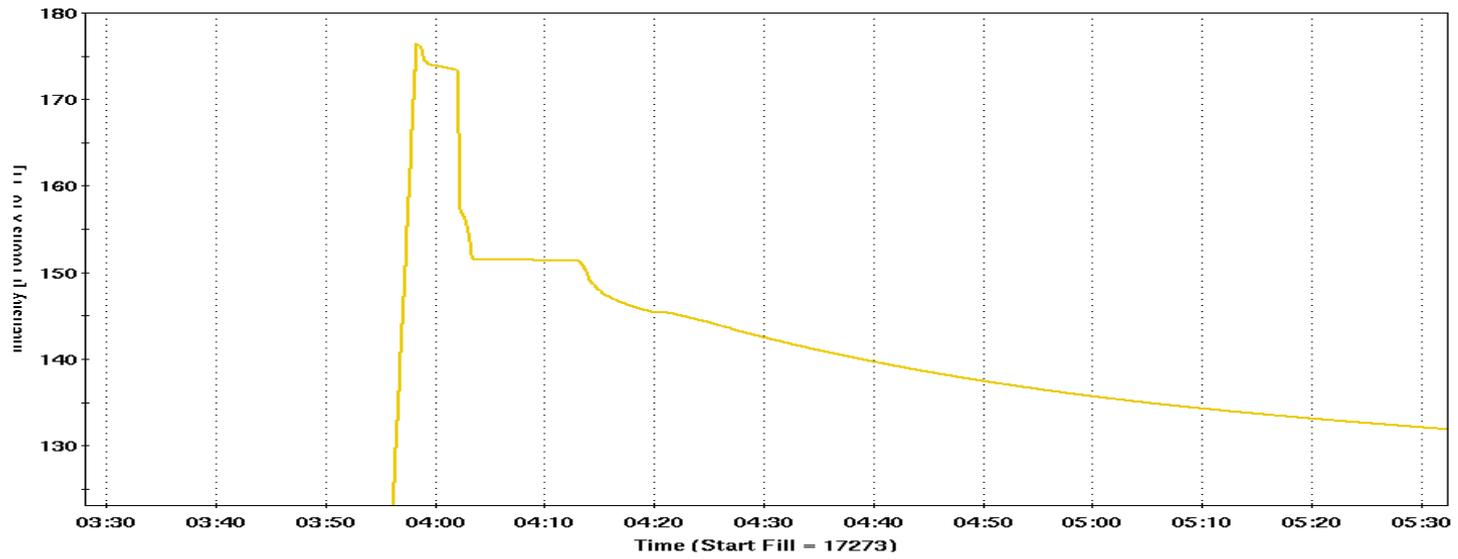
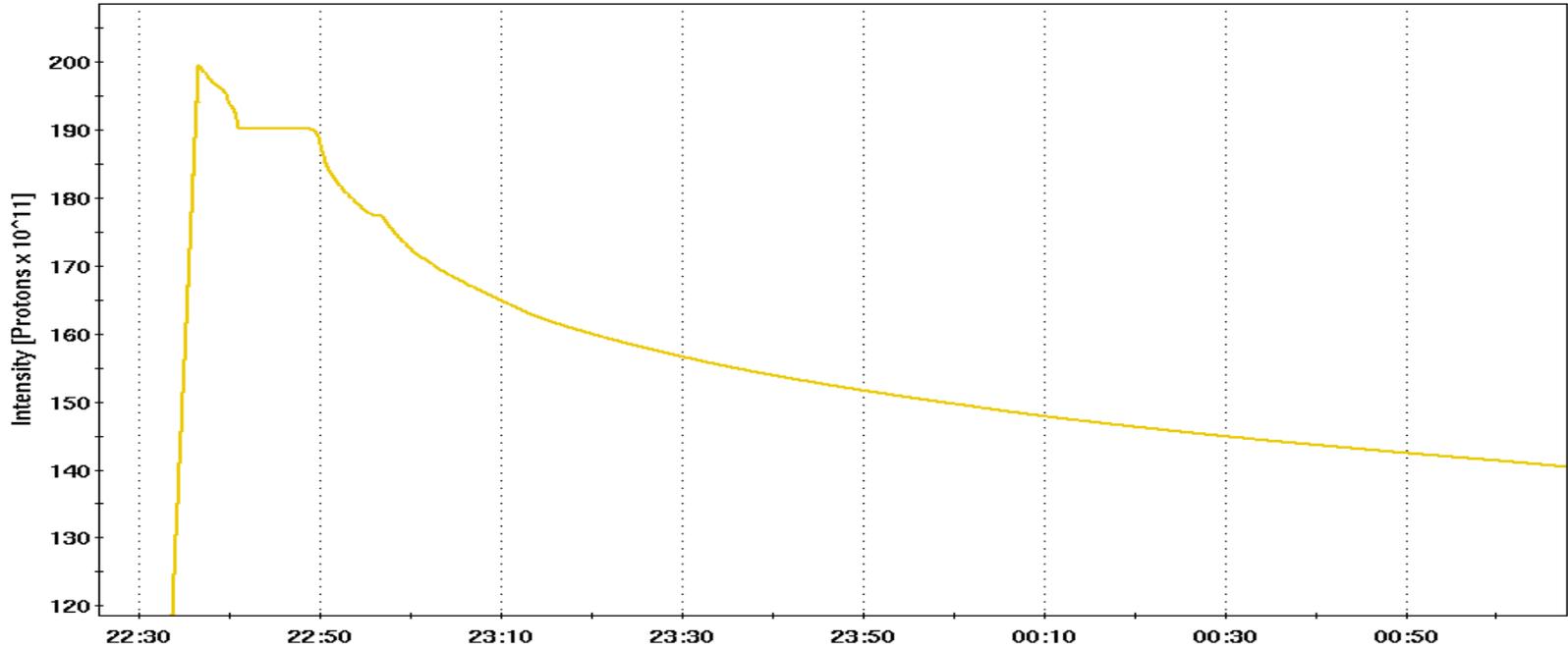
# Past week Problems

- PS supply issues:
  - Power dips ~ 6 am every morning.
- Loosing beam in yellow on accramp due to tune swing crossing 7/10<sup>th</sup>
- Eventually went back to below 0.7 for Yellow at injection
- Problems getting through rotator ramp with higher intensity
  - Solved adjusting Yellow tunes on rotator ramp
  - And masking rotator BLMs that were redundant
- Tried tune bump at gg381 and gg422 for Blue went too low
  - Tried 0.6705
- Horizontal tune bump in both rings yellow worked. Blue we had to settle for mini-bump to 0.682 at gg381 and gg422.

# Past week's Successes

- Reaching Luminosity records:
  - Getting much more beam to store.





ye1DCCTtotal

# Future Plans

- Considering revert to FY12 Lattice during Thursday: Decide this at machine meeting today.
  - Come back from Maintenance on Weds put one store up with current lattice then Thursday during day make switch.
  - Two weeks hence during Maintenance swap PS for yellow phase shifters.