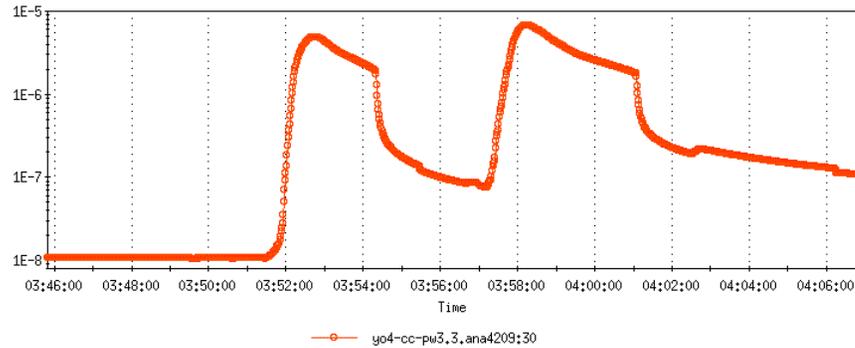
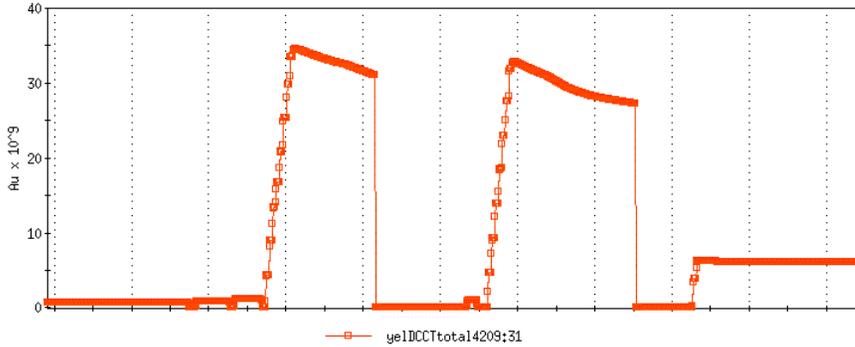


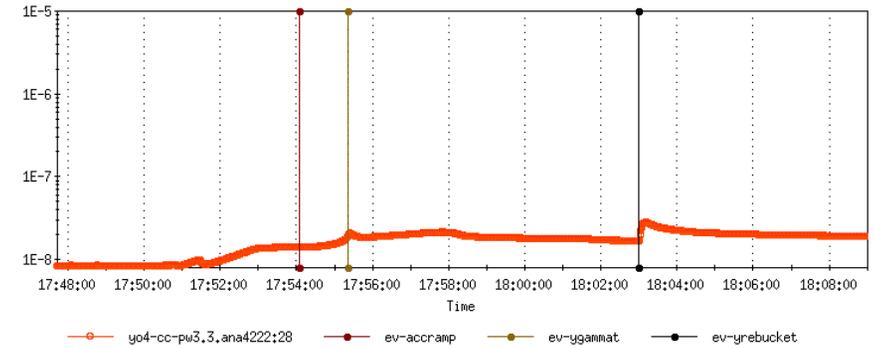
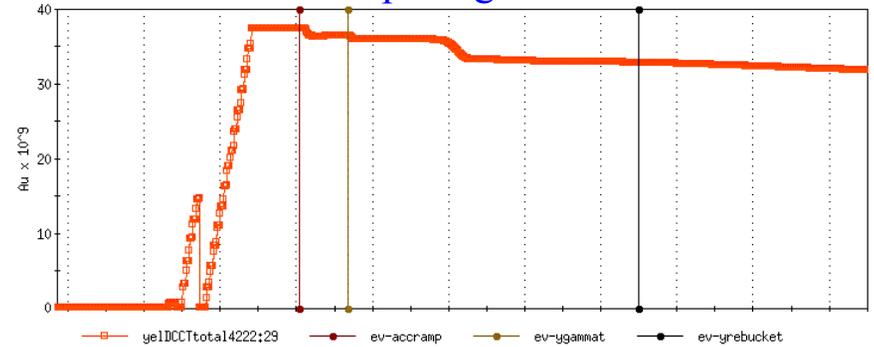
33 bunches
1.1e9/bunch
6 buckets spacing

29 bunches
1.2e9/bunch
3 buckets spacing



7-Jan-2004 experiment

56 bunches
0.7e9/bunch
6 buckets spacing



8-Jan-2004 operation

Mike Bl., Haixin, Ubaldo, Wolfram, ...

Pressure rise observations

1. Strongly dependent on bunch intensity
2. Weakly dependent on bunch length
3. Not dependent on bunch spacing

Possible mechanisms

- Not electron cloud
- Not ion desorption (accelerated rest gas ions)
- Not loss induced
- Heating from image current? (M. Blaskiewicz)
→ Can be checked with debunched beam.
- Other?