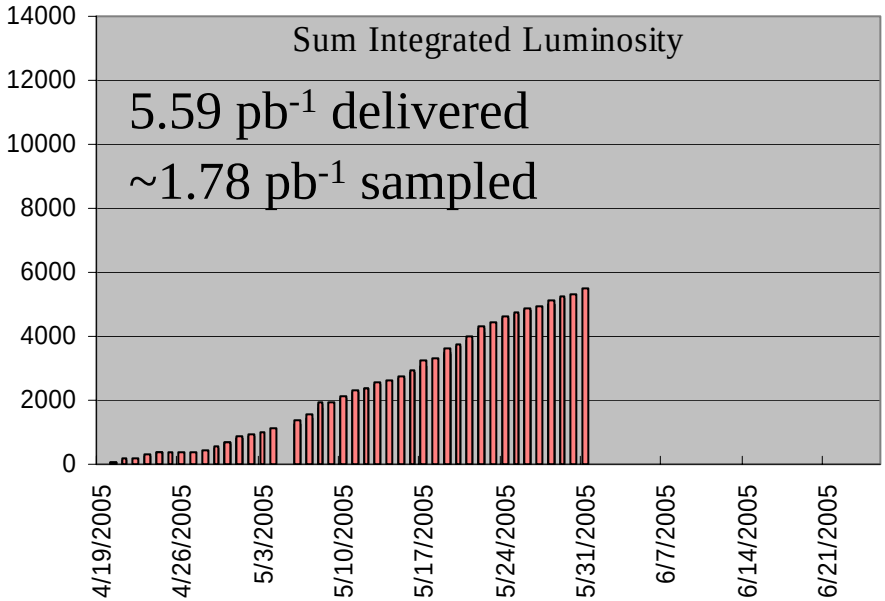
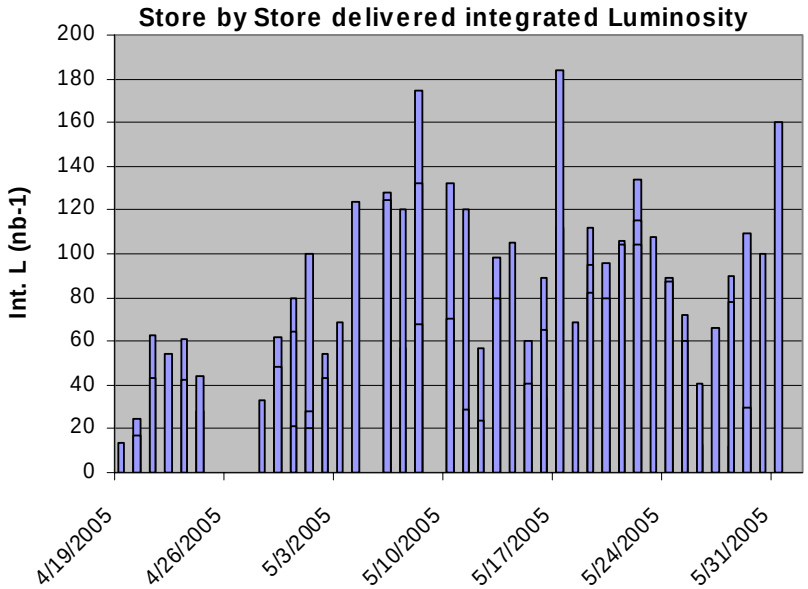
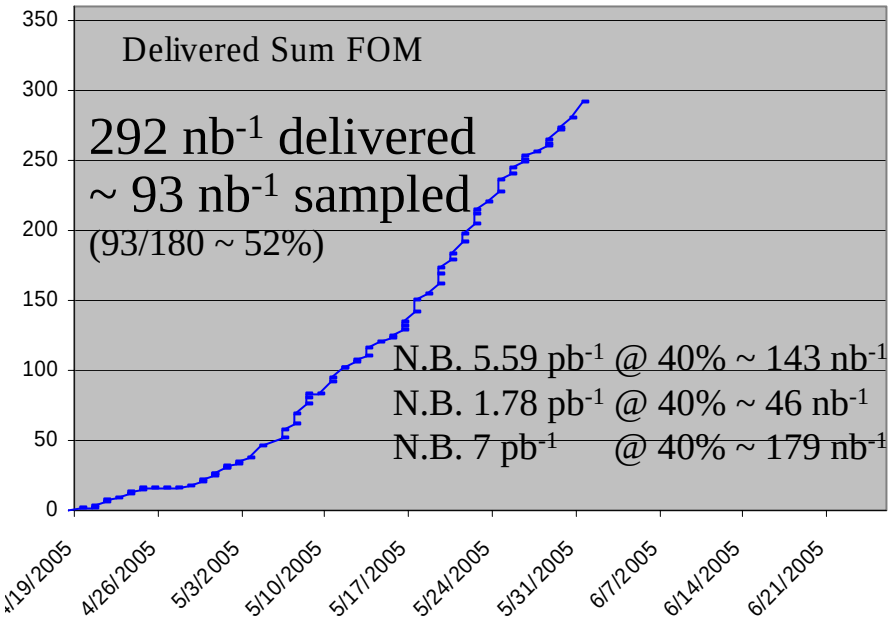
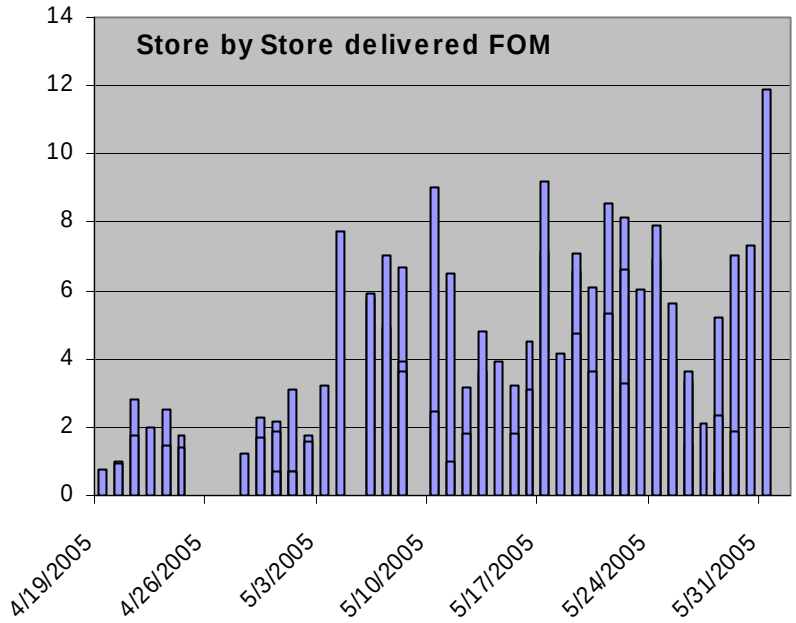
General Status of STAR pp run as of June 1, 2005.

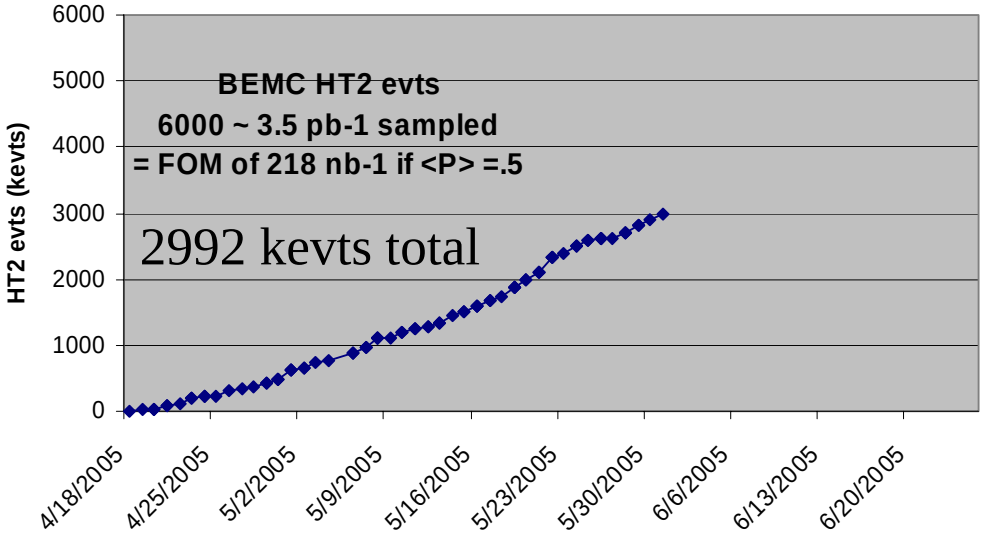


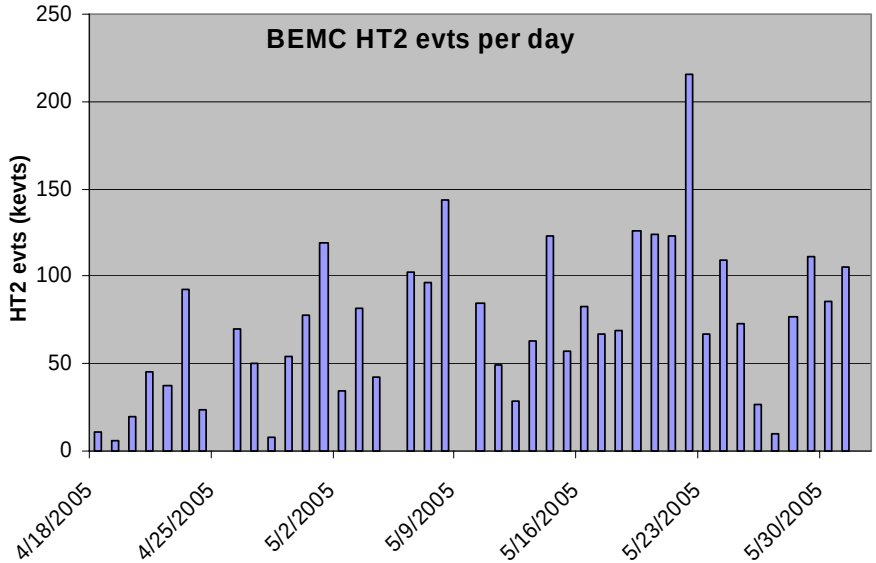


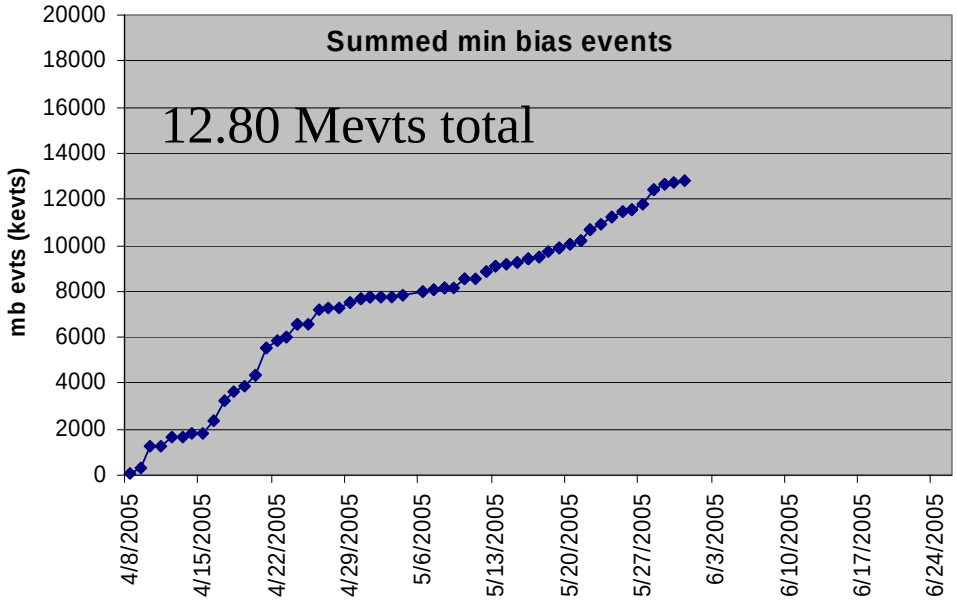


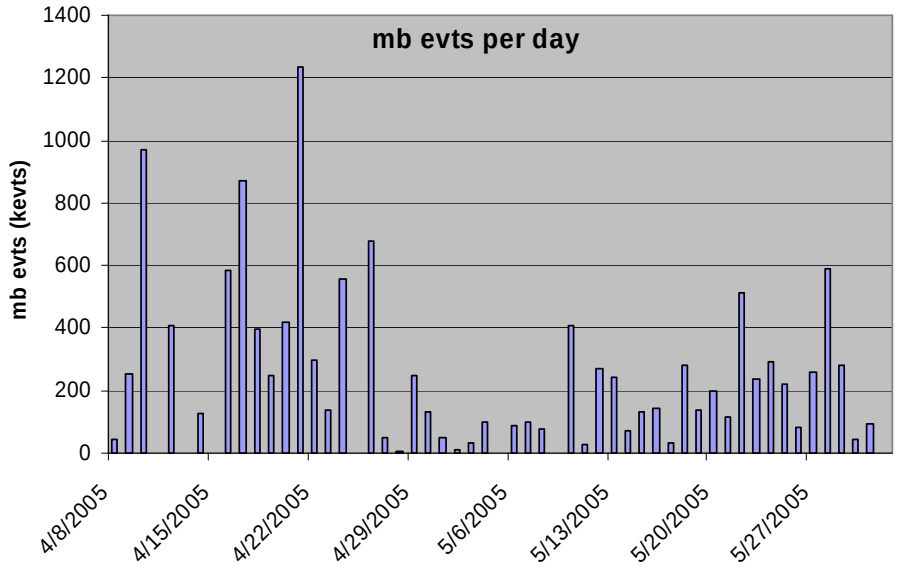


General Status of STAR pp run as of June 1, 2005.

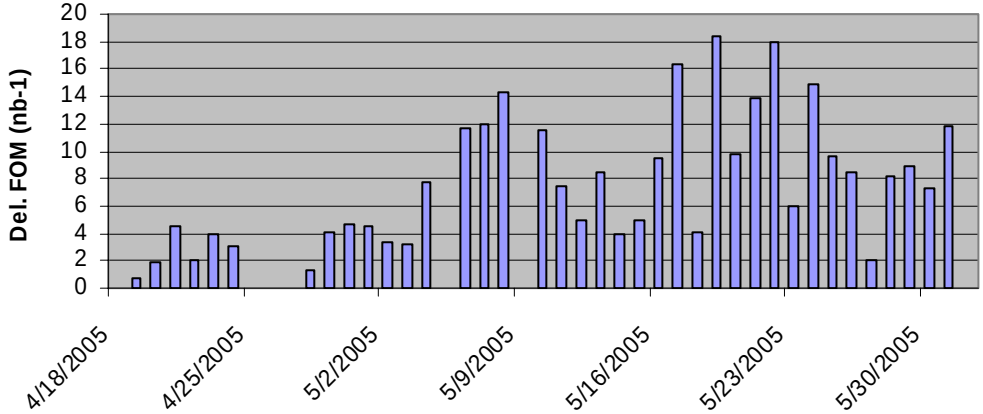


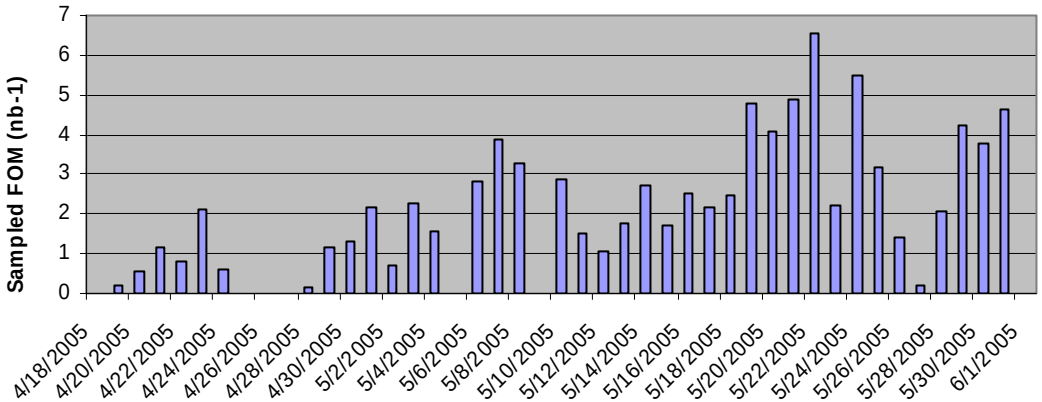


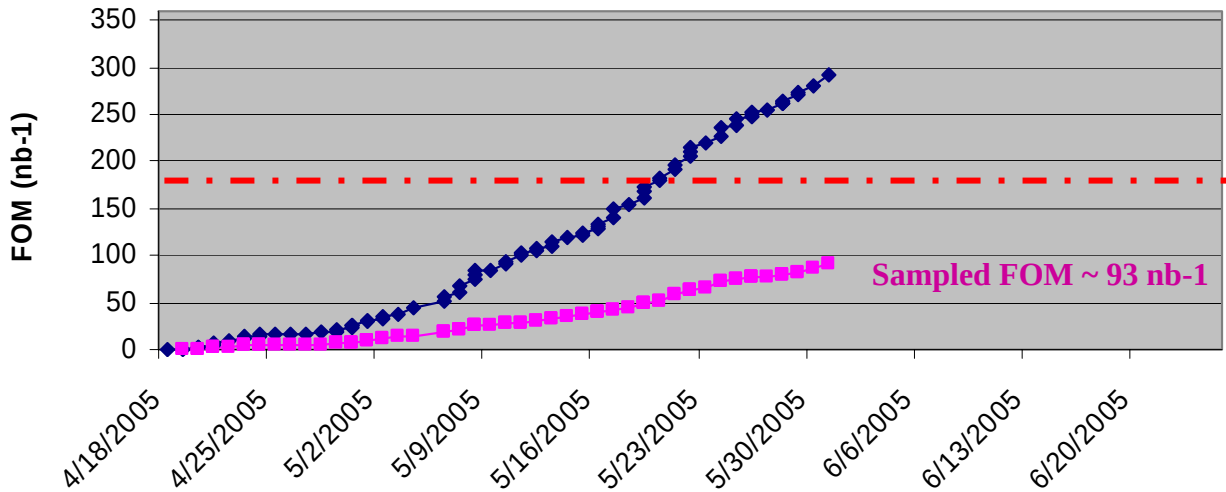




FOM plots through June 1, 2005.

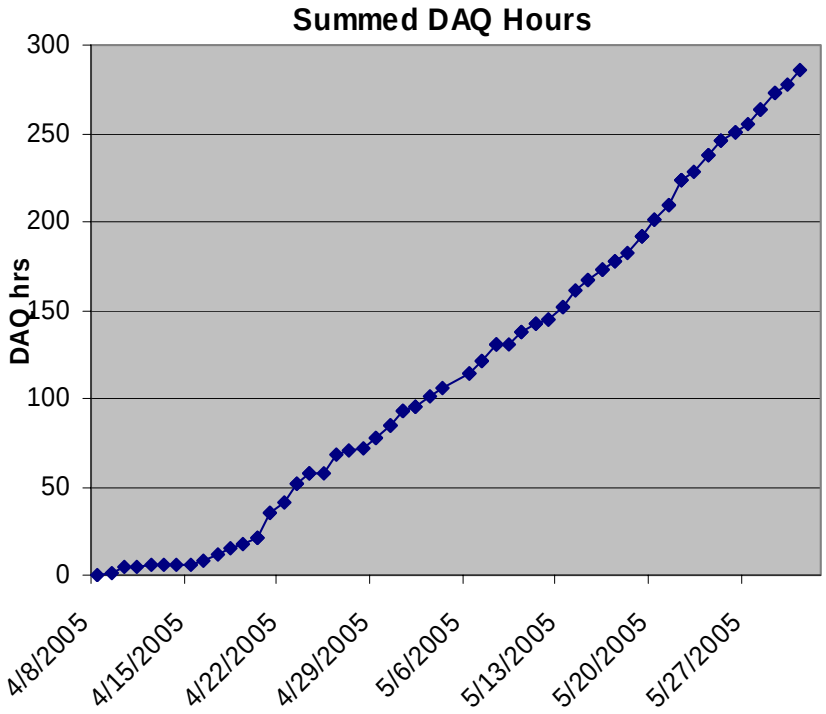


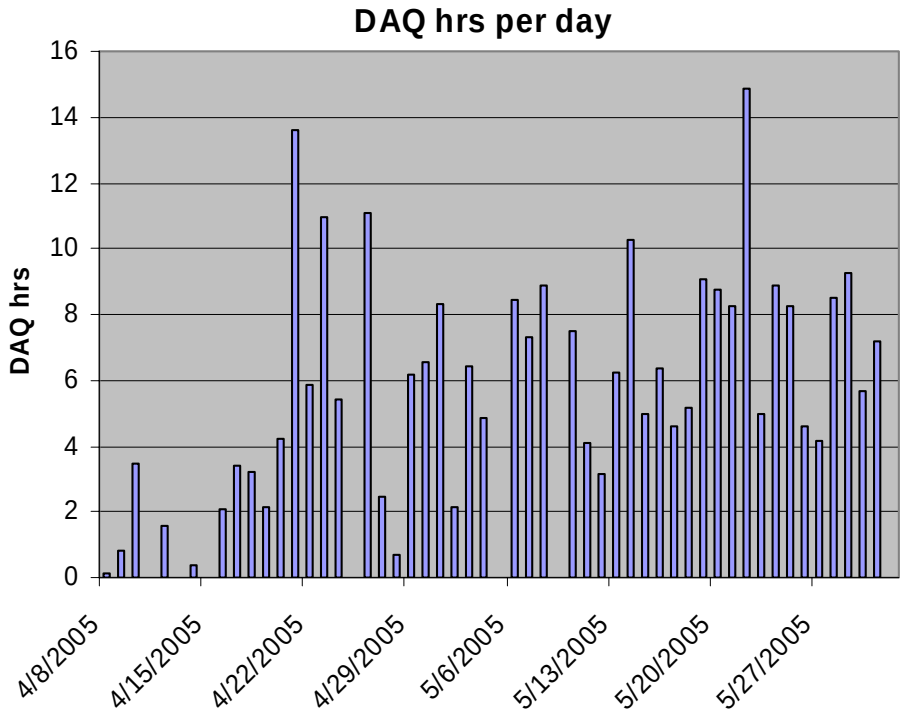




Goal = 180 nb^{-1}
Sampled FOM

General Status of STAR pp run as of June 1, 2005.





Physics DAQ Hrs/wk:

April 17th-23rd - 43.5 hrs

April 24th-30th - 37.0 hrs

May 1st - 7th - 37.7 hrs

May 8th - 14th - 40.3 hrs

May 15th-21st - 47.3 hrs

May 22nd - 28th - 54.3 hrs

May 28th - 31st - 22.1 hrs*

* = Incomplete week

STAR Comments on Higher Energy Collider Development and Collisions

- We're currently ~ 10 wks past the start of the FY05 proton running (March 24th).
- We're ~ 6.5 wks into the proton Physics run (April 19th).
- We have ~ 3.2 wks left in the run (June 25th, Question: Are we actually planning to end on a Saturday?).
- Our best week of the run so far, we sampled 30 to 35 nb-1 of FOM.
- If we get 3 more wks, ***similar or better than the best week***, we'll just reach our longitudinal pp goal of sampling ~ 180 nb^{-1} of FOM (currently at ~ 93 nb^{-1}).
- Our goal of sampling 4 pb^{-1} of transversely polarized beams will clearly not be achieved this year. Discussions within STAR of whether to run transversely polarized beams for a modest number of days (e.g. 3 to 5) at the end of the run are taking place as we speak.
- As the Collider Physicists believed that this dev. work had to happen this year, STAR supported using up to 10 shifts (i.e. 8 am Tuesday May 31st to ~ 4 pm Friday June 3rd) to attempt to accomplish the goals in Mei's "Energy Ramp" dev. Plan. This includes any running for the experiments.
- Success or failure, STAR wants to go back to the 200 GeV Spin physics running no later than Friday *afternoon*, June 3rd.

10 hr store, from May 30th to May 31st. How do get more of this?