

Machine/Experiment Meeting

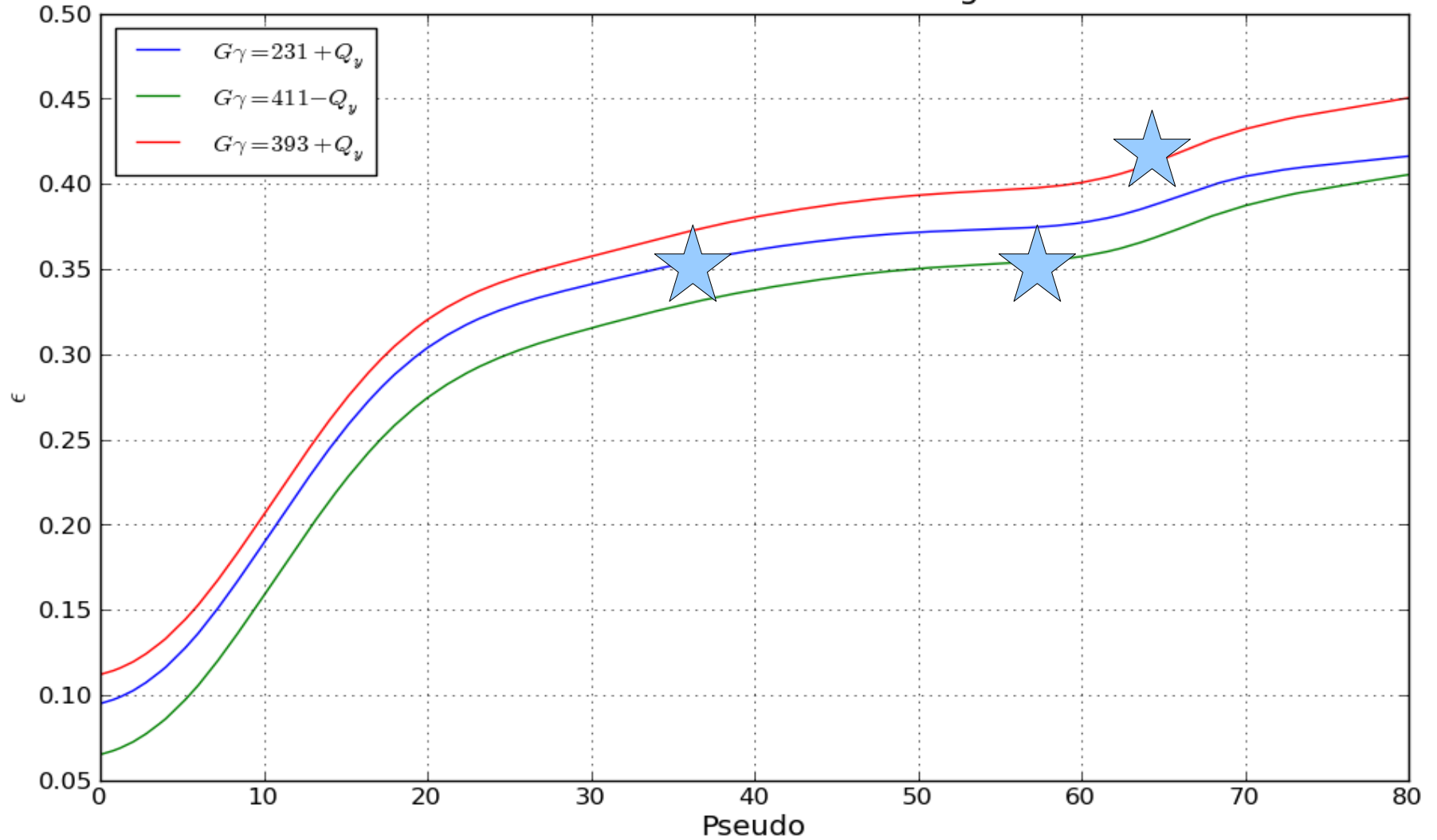
Feb 19th

- Start-Up progress:
- E-lens Lattice developments and tuning plans
- New OpticCalc : (Guillaume)

- RHIC Start Up Status:
 - Bunched Beam circulating in both blue and Yellow with snakes using FY12 pp lattice. And did our first test ramp to 100 GeV today.
 - Instrumentation checking out systems
 - Feedback orbit and tune
 - Power Supply work continues:
 - After phase shifter work is done can we can switch to new e-lens lattice ~ Thursday?
 - So Far we are pretty much on Schedule not too many glitches
 - Bad quad in ATR and bad BPMs used for injection made Blue injection problematic
 - Losses at STAR higher than last year..need IP scan.
 - Issues with bouncer Cavity

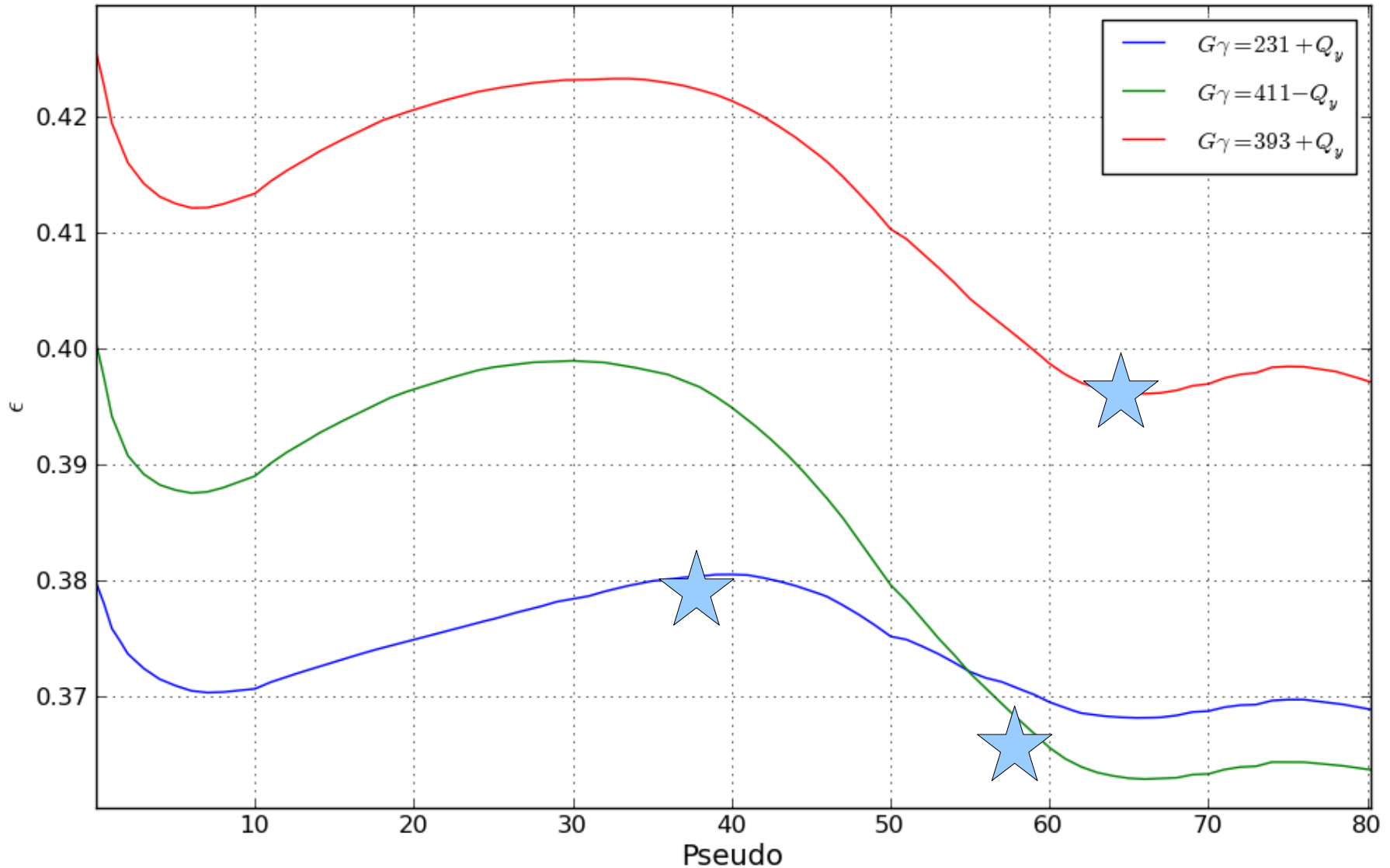
Yellow E-lens Optimized Lattice

Polarization Resonance Strengths

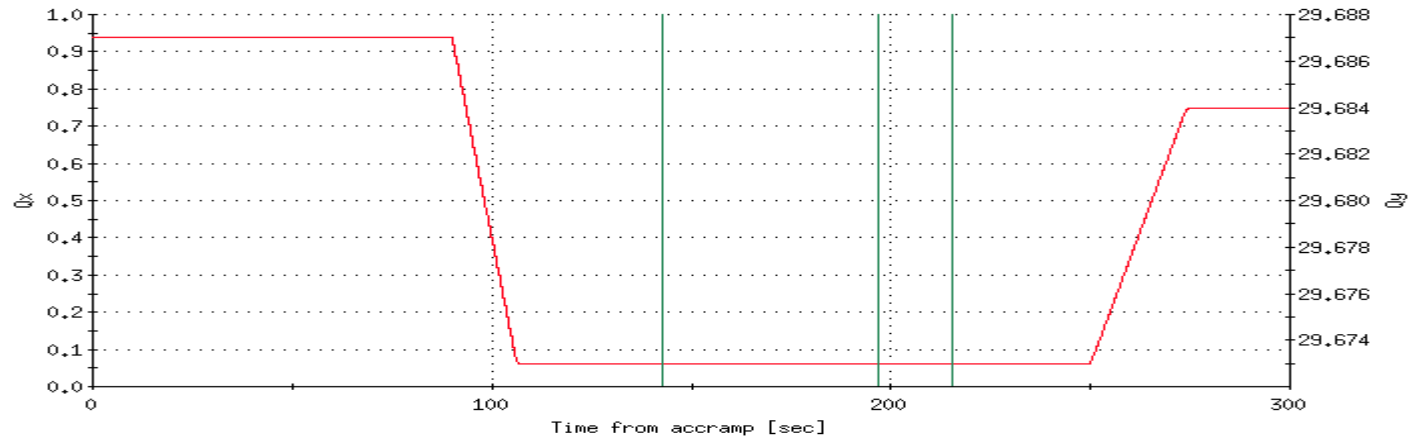


Blue E-lens Optimized Lattice

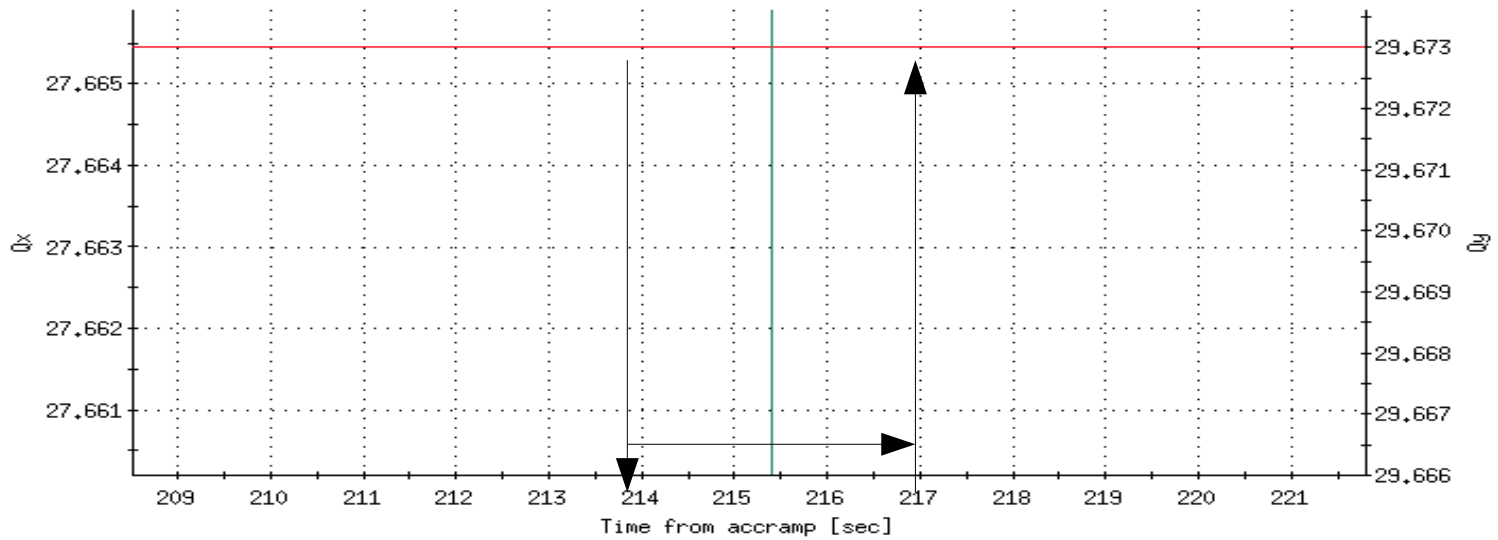
Polarization Resonance Strengths



Tune Bump Construction to 2/3

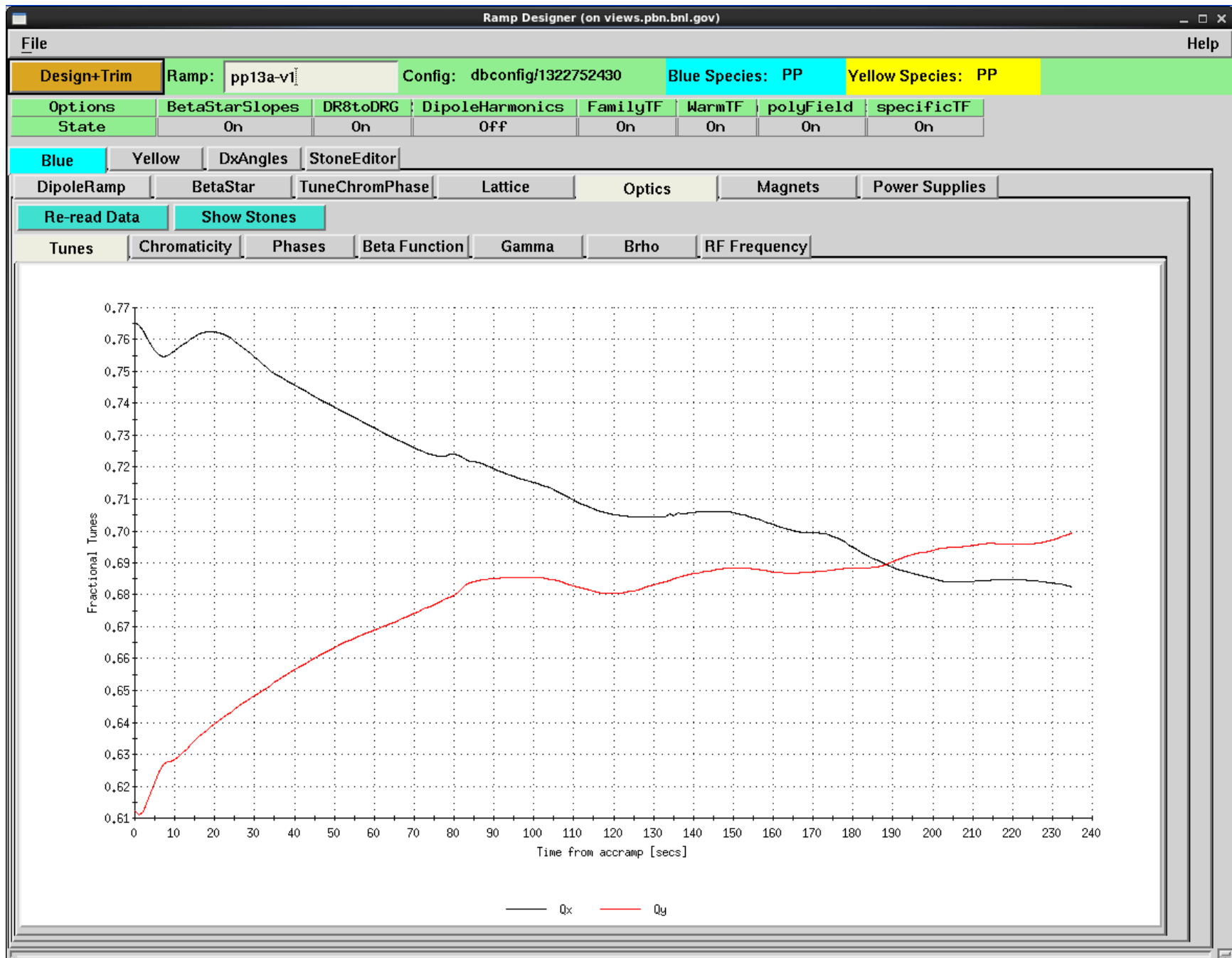


Qy (Y2)



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- Current OptiCalc: Blue beam, Design + Trim



- New OptiCalc: Blue beam, Design

