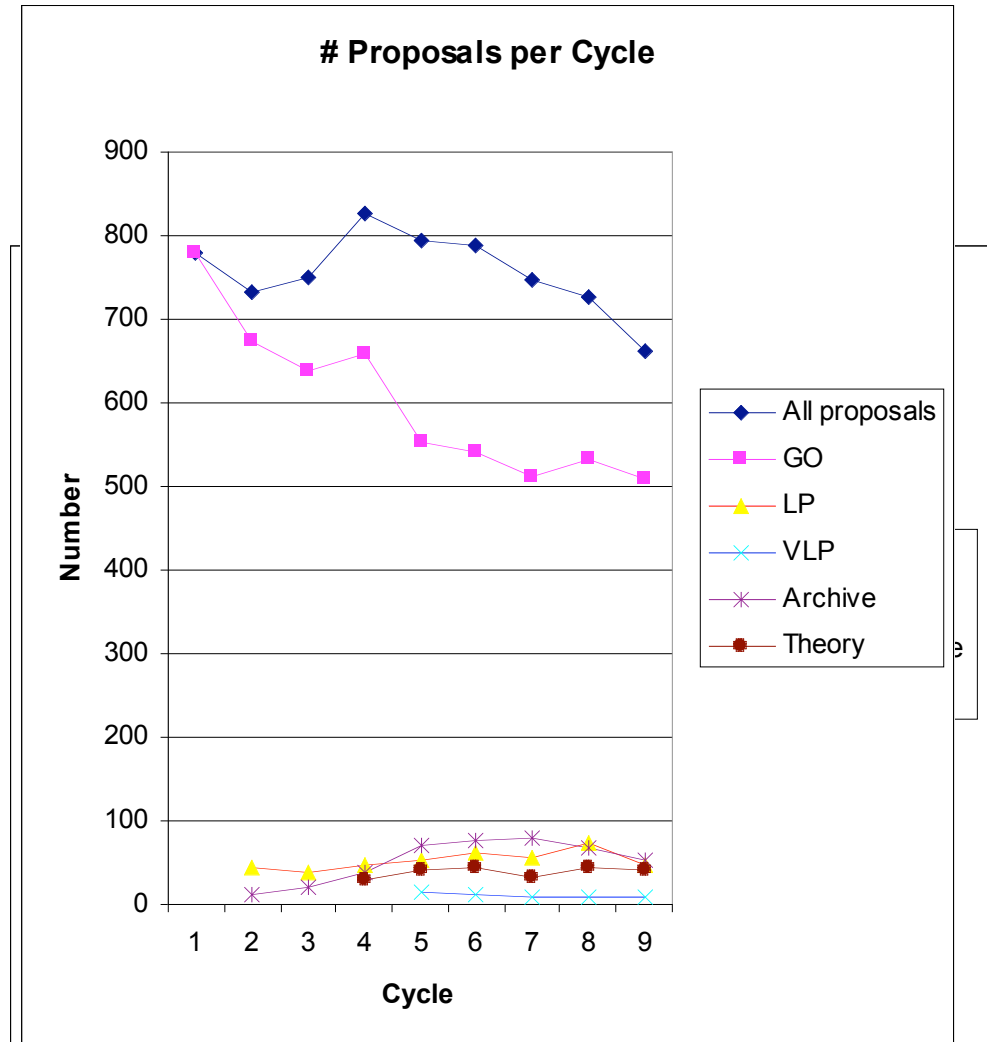




Chandra Cycle 9



- 661 submitted proposals
- *5.5 oversubscribed (based on time)
- 48 LP, 10 VLP
- Fewer LPs cf Cycle 8 (72)
- 52 Archive, 42 Theory

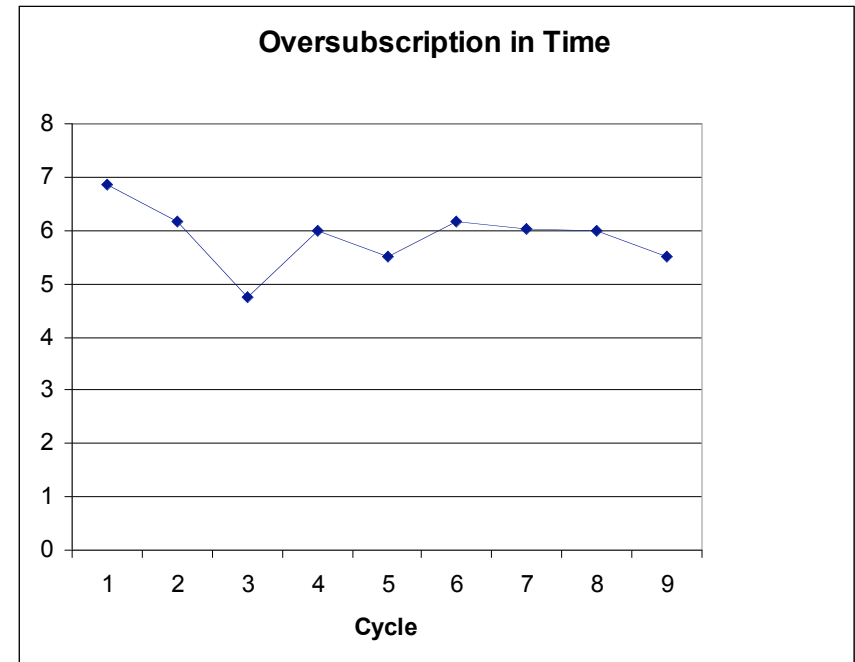
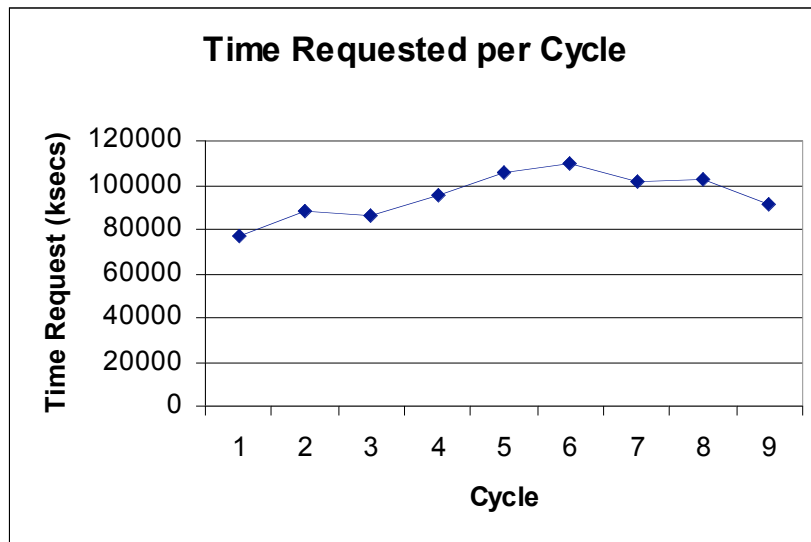




Total Time Request



- **Change from Cycle 8**
 - Time request down: 9%
 - LP request down 35%
 - VLP request up 35%

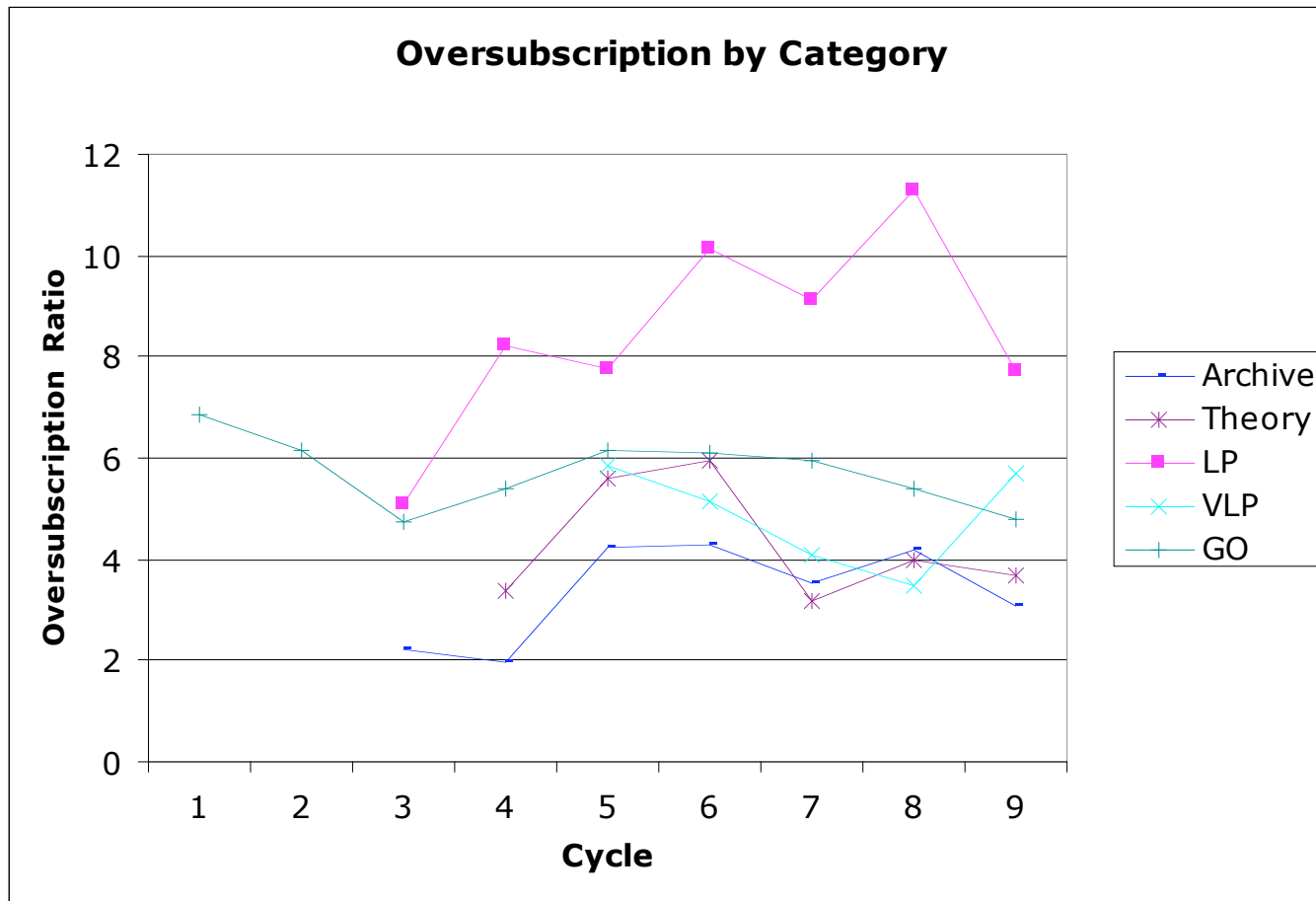




Oversubscription by Category

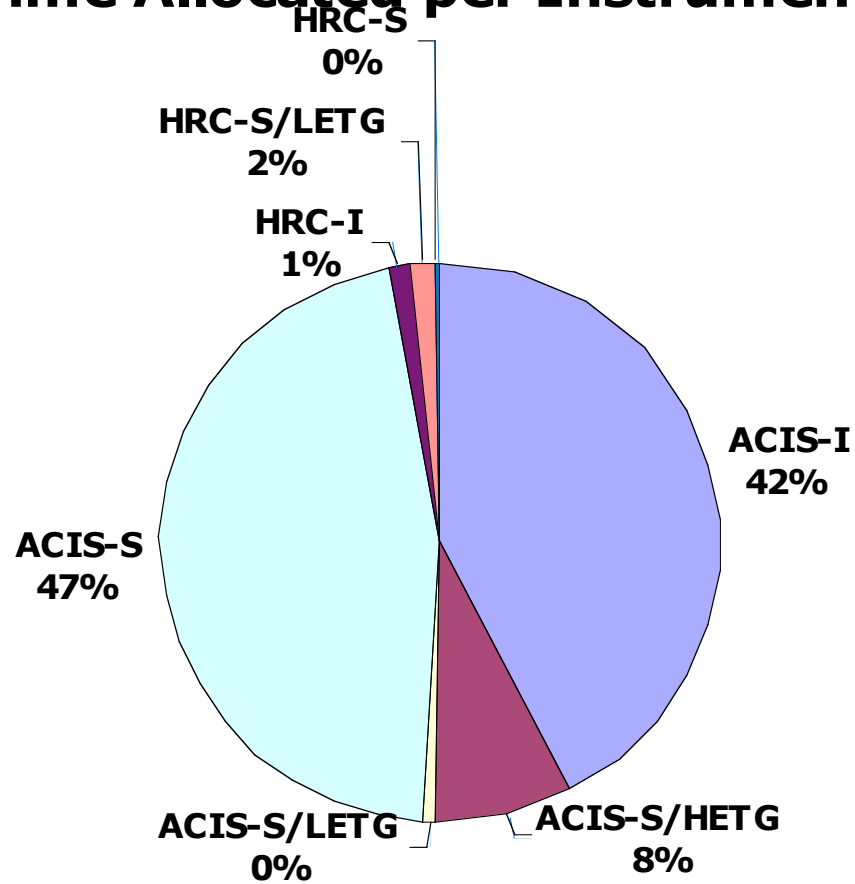


- LP now closer to other categories





Time Allocated per Instrument

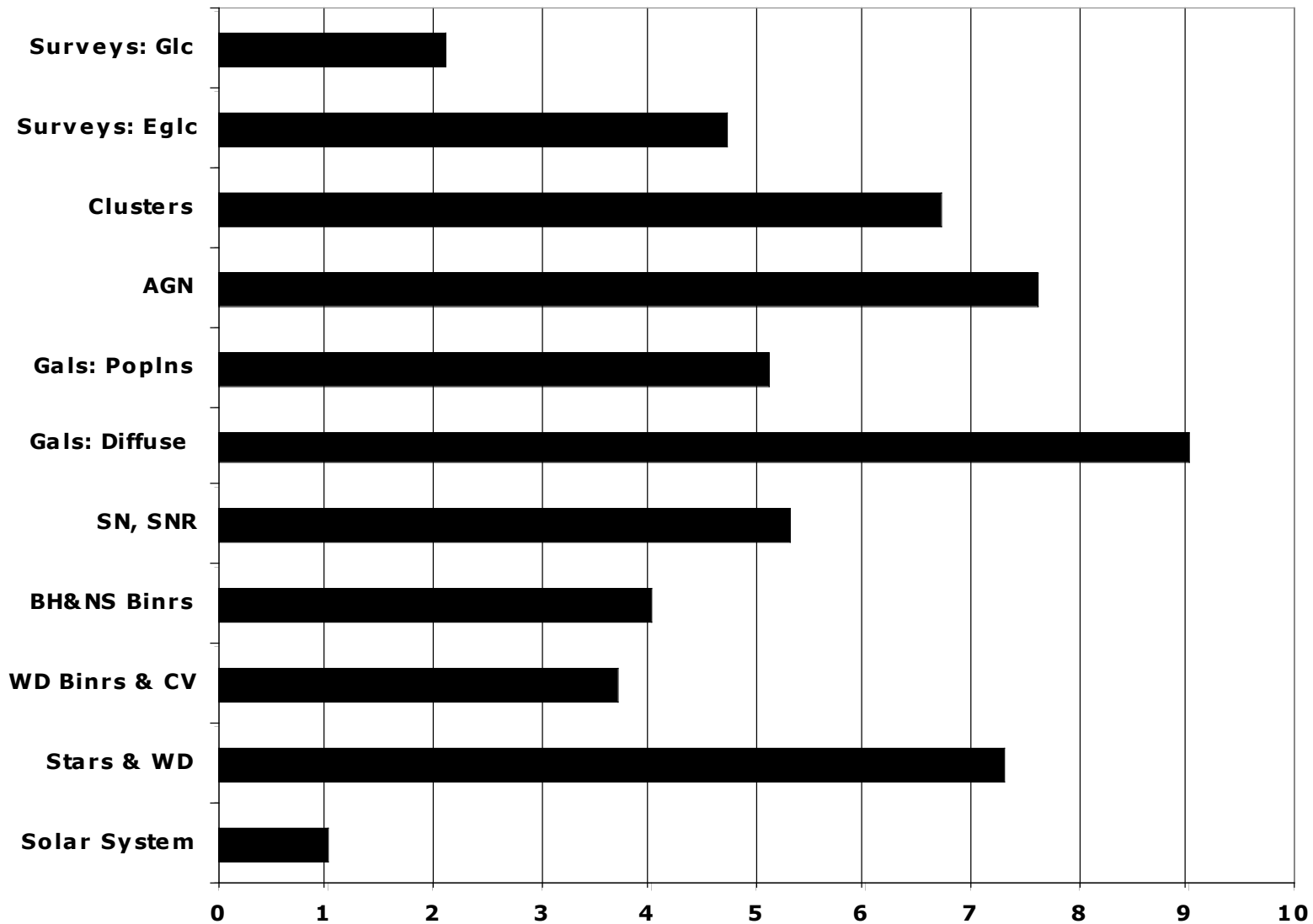




Results by Science Category



Effective Oversubscription in Time

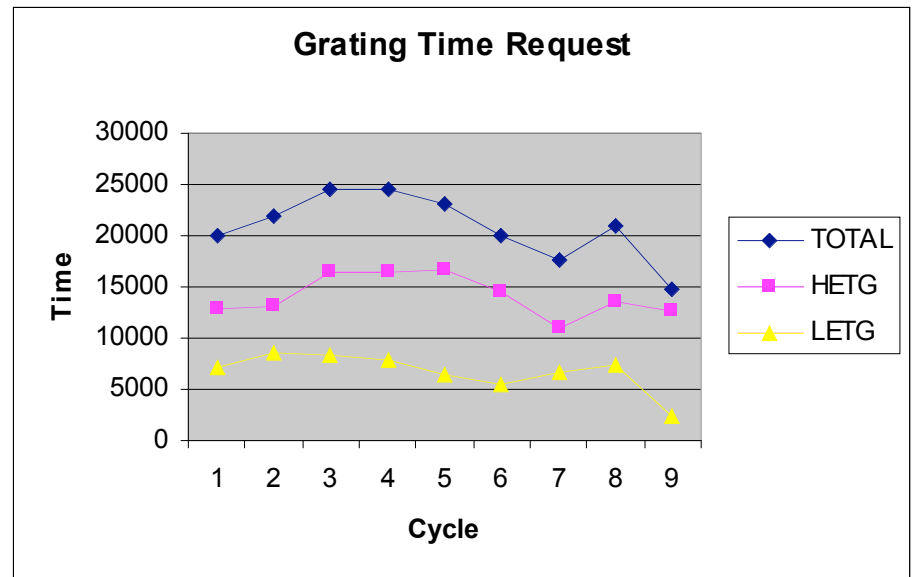
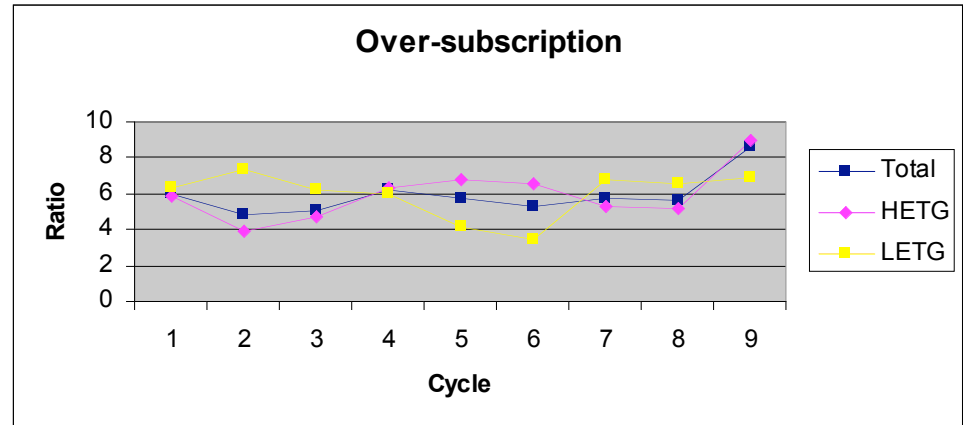




Grating Observations Statistics



- Oversubscription in grating time is constant until Cycle 9 when HETG success rate decreased substantially
- Grating time request is fairly constant, but in Cycle 9 the LETG request was substantially lower





Joint Chandra Proposals to other



Observatories

■ Joint Proposals

- XMM TAC: 3 (of 17) approved: 180 ksec
- HST TAC: 3 (of 12) approved: 85 ksec
- Spitzer: 2 (of 8) approved: 180 ksec



Peer Review



- **18-22 June 2007, Hilton, Logan Airport**
- **12 topical panels, 1 Big Project Panel (BPP)**
- **Program:**
 - Tues, Wed: Topical panels
 - Thurs, Frid: BPP
- **Changes from last year:**
 - Constrained Observations (next slide)
 - Formal list of conflicts and their resolution:
 - Web page for each panel
 - Pre-loaded with known conflicts
 - Edited by deputy chair for additional conflicts and mitigation at review
 - Worked well



Constrained Observations



- **Categories:** Easy, Average, Difficult
- **Allocations:**
 - 45, 35, 20
 - based on previous distribution of constraints
- **Allocation at review:** 32, 35, 15
- **Requests:** 345, 47, 52
- **Oversubscription ratio:**
Easy: 11; Average: 1.3, Difficult: 3.5
- **Results:**
 - Combined average and easy in accounting
 - Final allocation: 15 (of 15) difficult
72 (of 67) easy+aver.
- **Next year:** review allocations+classes



Archive and Theory Proposals



- **Survey of Archive and Theory PIs**
 - Sent: 10 Aug 2007 to 122 PIs
 - Due date: 14 Sept 2007
 - Aim:
 - Enhance publication tracking
 - Assess adequacy of funding levels
 - Learn about alternate funding being used
 - Responses:
 - 49 to date
 - Diverse responses on funding levels
 - Full Report next meeting



Archive and Theory Budgets



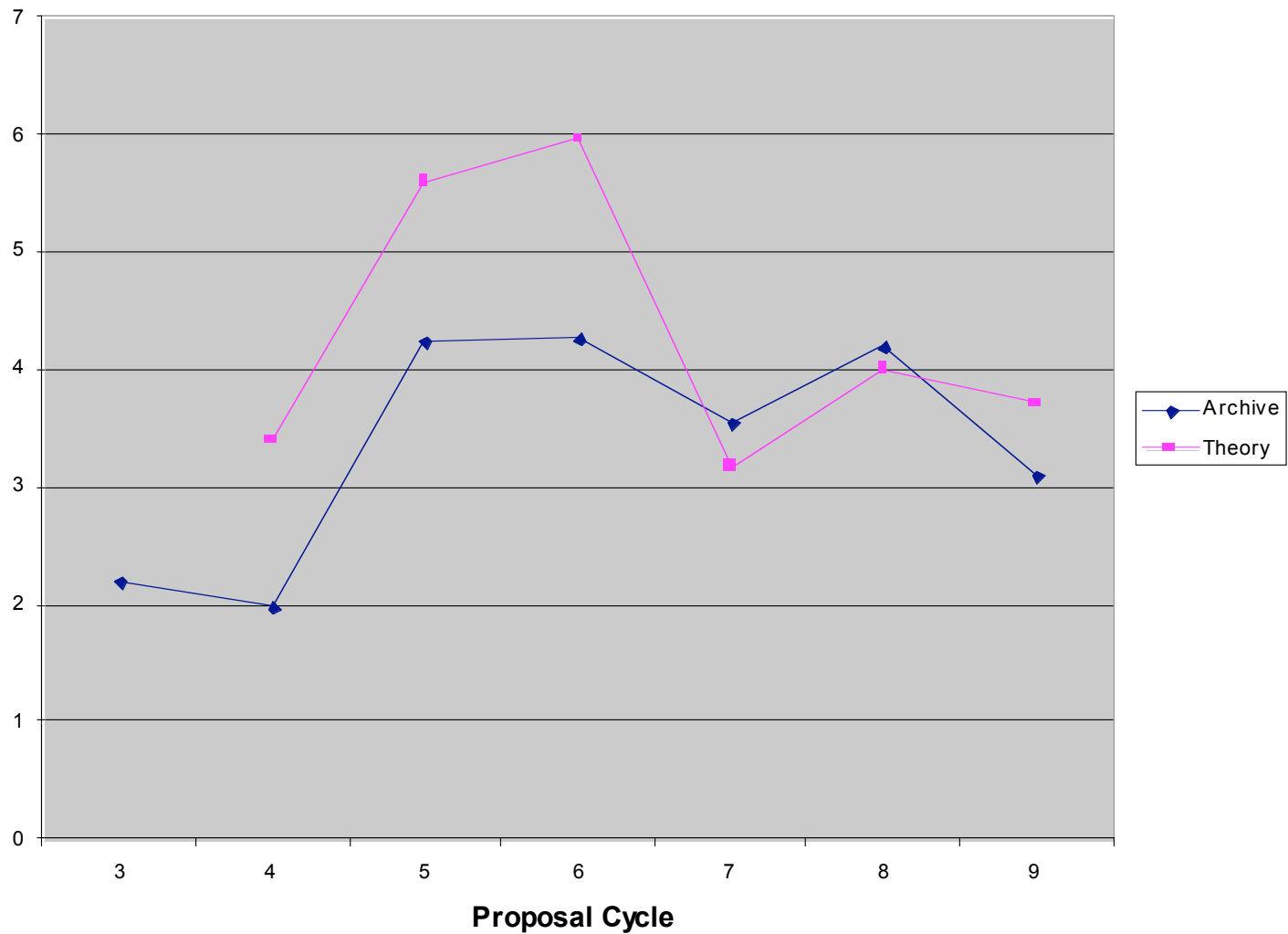
- Theory: 5% of GO budget (NASA mandated)
- Archive: about 10% of budget
- Cycle 9 GO Budget: \$10.6M (w/o DDT, E/PO)
 - GO: \$9M
 - Archive: \$1M (Allocated \$1.1M)
 - Theory: \$0.6M (Allocated \$0.7M)
- Passing Grade: generally higher than GO
- Grants (Cycle 9):
 - 17 archive: \$40-127K
 - 12 theory: \$40-80K
 - Levels similar to GO proposals (not LP/VLP)
- Oversubscription: lower than GO



Oversubscription for Archive+Theory



Oversubscription





NASA: ADP



- Unlikely to have major impact on our archive program
- \$2.5M budget, only 2.5 times our archive
- Specifically rules out primarily Chandra research
- 33 missions cited in list (w/o Great Obs)
- Requires that $<$ a third of data is from any one Great Observatory



Responses to CUC Actions



- LP/VLP time: options discussed by Harvey
- Chandra Source Catalog: to be discussed
Ian Evans
- Archival Project Funding: discussed by me
- Chandra Long-term Future Science:
 - 8 years conference is 23-25 Oct..
 - Speakers have been asked to address this topic.



Alpha Cen. Chandra Data



- Position of stars good to 0.17"
- $\ll 0.6''$ advertised

