



10840 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Nuria Calvet (PI)	University of Michigan	ncalvet@umich.edu
Mr. Jeffrey Fogel (CoI)	University of Michigan	fogel@umich.edu
Dr. Gregory J. Herczeg (CoI)	California Institute of Technology	gregoryh@astro.caltech.edu
Dr. Edwin Anthony Bergin (CoI)	University of Michigan	ebergin@umich.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(10) DR-TAU	ACS/SBC	1	15-Mar-2007 21:03:45.0	yes
19	(11) DN-TAU	ACS/SBC	1	15-Mar-2007 21:03:49.0	yes
18	(12) GK-TAU	ACS/SBC	1	15-Mar-2007 21:03:52.0	yes
17	(13) CI-TAU	ACS/SBC	1	15-Mar-2007 21:03:55.0	yes
16	(14) UZ-TAU	ACS/SBC	1	15-Mar-2007 21:03:57.0	yes
07	(16) DE-TAU	ACS/SBC	1	15-Mar-2007 21:04:00.0	yes
06	(15) DO-TAU	ACS/SBC	1	15-Mar-2007 21:04:02.0	yes
08	(17) DP-TAU	ACS/SBC	1	15-Mar-2007 21:04:05.0	yes
09	(18) IP-TAU	ACS/SBC	1	15-Mar-2007 21:04:08.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	(19) FM-TAU	ACS/SBC	1	15-Mar-2007 21:04:10.0	yes
11	(20) CX-TAU	ACS/SBC	1	15-Mar-2007 21:04:12.0	yes
12	(21) FP-TAU	ACS/SBC	1	15-Mar-2007 21:04:15.0	yes
13	(22) AA-TAU	ACS/SBC	1	15-Mar-2007 21:04:17.0	yes
14	(23) HN-TAU	ACS/SBC	1	15-Mar-2007 21:04:19.0	yes
15	(24) DL-TAU	ACS/SBC	1	15-Mar-2007 21:04:21.0	yes

15 Total Orbits Used

ABSTRACT

Present and forthcoming ground-based and space surveys of the T Tauri stars in the Taurus molecular cloud will provide information from high energy stellar and accretion radiation to low energy solid state and molecular emission from the disk, making those stars perfect laboratories to carry out self-consistent studies of disk physics and evolution. We propose to complete this wealth of information by obtaining ACS/FUV spectra for a significant sample of Taurus T Tauri stars, covering a range of accretion properties and dust evolutionary stages. FUV fluxes carry ~ 10 - 100 more energy than X-rays into these disks and are thus crucial gas heating agents and key to disk dispersal by photoevaporation. These observations are a pre-requisite to interpret observations with Spitzer, SOFIA, Herschel, and ALMA, and will become one of the important legacies of HST to the star formation community.

OBSERVING DESCRIPTION

For each object, we will obtain an FUV spectrum and a brief FUV image for wavelength calibration. For five objects, we will also obtain NUV and optical spectra and brief images (with the F330W and F606W filters) for wavelength calibration. For each NUV and optical spectrum, we include a short (4-10s) and a long (60-100s) integration times to accurately obtain images for bright spectral regions, which will saturate, and faint spectral regions, which require longer exposure times.

Visit	Proposal 10840, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(10)		DR-TAU	RA: 04 47 6.2200 (71.7759167d) Dec: +16 58 42.10 (16.97836d) Equinox: J2000		V=11.6+/-1.0	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	(10) DR-TAU	(10) DR-TAU	ACS/SBC, ACCUM, SBC	F165LP				120.0 Secs X 2		
									[=>(Copy 1)]	[1]	
									[=>(Copy 2)]		
	2	(10) DR-TAU	(10) DR-TAU	ACS/SBC, ACCUM, SBC	PR130L				1149.0 Secs X 2		
									[=>(Copy 1)]	[1]	
									[=>(Copy 2)]		
Orbit Structure	Orbit 1 Server Version: 20070302										
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue hatched bar represents the visibility period, starting at approximately 300 seconds and ending at 3100 seconds. Key events are marked with arrows and labels: 'GS Acq' at 0s, 'Exp. 1, copy 1' at ~300s, 'Exp. 1, copy 2' at ~400s, 'Pointing Maneuver' at ~500s, 'Exp. 2, copy 1' at ~600s, 'Exp. 2, copy 2' at ~1900s, and 'Occultation' at ~3100s. A note 'Unused Visibility = 0' is placed after the occultation. The x-axis is labeled 'sec' at the end.</p>										

Proposal 10840 - Visit 19 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Visit	Proposal 10840, Visit 19, implementation Fri Mar 16 01:04:25 GMT 2007 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(11)		DN-TAU	RA: 04 35 27.3700 (68.8640417d) Dec: +24 14 59.50 (24.24986d) Equinox: J2000		V=12.5+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(11) DN-TAU	(11) DN-TAU	ACS/SBC, ACCUM, SBC	F165LP				120.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
	2	(11) DN-TAU	(11) DN-TAU	ACS/SBC, ACCUM, SBC	PR130L				1150.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>Timeline labels: GS Acq, Exp. 1, copy 1, Exp. 1, copy 2, Pointing Maneuver, Exp. 2, copy 1, Exp. 2, copy 2, Occultation, Unused Visibility = 1.</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

Proposal 10840 - Visit 18 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Visit	Proposal 10840, Visit 18, implementation Fri Mar 16 01:04:25 GMT 2007 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(12)		GK-TAU	RA: 04 33 34.5600 (68.3940000d) Dec: +24 21 5.90 (24.35164d) Equinox: J2000		V=12.5+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) GK-TAU	(12) GK-TAU	ACS/SBC, ACCUM, SBC	F165LP				120.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
	2	(12) GK-TAU	(12) GK-TAU	ACS/SBC, ACCUM, SBC	PR130L				1150.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>The diagram illustrates the timing of observations for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1, copy 1 at approximately 400s, Exp. 1, copy 2 at approximately 600s, Pointing Maneuver at approximately 700s, Exp. 2, copy 1 at approximately 800s, and Exp. 2, copy 2 at approximately 2000s. A blue checkered bar indicates the active observation period from approximately 400s to 3200s. A black bar at the end of the timeline indicates 'Unused Visibility = 1' starting at approximately 3200s.</p>									

Proposal 10840 - Visit 17 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Visit	Proposal 10840, Visit 17, implementation Fri Mar 16 01:04:25 GMT 2007 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(13)		CI-TAU	RA: 04 33 51.9900 (68.4666250d) Dec: +22 50 30.60 (22.84183d) Equinox: J2000		V=13.3+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(13) CI-TAU		ACS/SBC, ACCUM, SBC	F165LP				120.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
2	(13) CI-TAU		ACS/SBC, ACCUM, SBC	PR130L					1150.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue checkered bar represents the observation period, starting at approximately 400 seconds and ending at 3200 seconds. Key events are marked with arrows and labels: 'GS Acq' at ~100s, 'Exp. 1, copy 1' at ~400s, 'Exp. 1, copy 2' at ~600s, 'Pointing Maneuver' at ~700s, 'Exp. 2, copy 1' at ~800s, 'Exp. 2, copy 2' at ~2000s, and 'Unused Visibility = 1' starting at ~3200s. A small black square is located at the end of the observation bar around 3200s.</p>									
	<p>Timeline labels: GS Acq, Exp. 1, copy 1, Exp. 1, copy 2, Pointing Maneuver, Exp. 2, copy 1, Exp. 2, copy 2, Unused Visibility = 1, Decultation.</p>									

Proposal 10840 - Visit 16 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:26 GMT 2007

Visit	Proposal 10840, Visit 16, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(14)		UZ-TAU	RA: 04 32 42.9700 (68.1790417d) Dec: +25 52 31.70 (25.87547d) Equinox: J2000		V=12.8+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(14) UZ-TAU	(14) UZ-TAU	ACS/SBC, ACCUM, SBC	F165LP				180.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
	2	(14) UZ-TAU	(14) UZ-TAU	ACS/SBC, ACCUM, SBC	PR130L				1091.0 Secs X 2	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
Orbit Structure	Orbit 1 Server Version: 20070302									
	<p>The diagram shows the timeline for Orbit 1. The x-axis represents time in seconds from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1, copy 1 at ~400s, Exp. 1, copy 2 at ~600s, Pointing Maneuver at ~800s, Exp. 2, copy 1 at ~900s, Exp. 2, copy 2 at ~2000s, and Unused Visibility = 1 starting at ~3100s. A blue checkered bar indicates the active observation period from ~400s to ~3100s.</p>									

Proposal 10840 - Visit 07 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:26 GMT 2007

Visit	Proposal 10840, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(16)		DE-TAU	RA: 04 21 55.5700 (65.4815417d) Dec: +27 55 7.00 (27.91861d) Equinox: J2000		V=13.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(16) DE-TAU	(16) DE-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs	
									[==>]	[1]
	2	(16) DE-TAU	(16) DE-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, copy 1, Exp. 2, copy 2, Occultation, Unused Visibility = 0</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

Proposal 10840 - Visit 06 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:26 GMT 2007

Visit	Proposal 10840, Visit 06, implementation Diagnostic Status: Warning Scientific Instruments: ACS/SBC Special Requirements: (none)																																																																	
	(Visit 06) Warning: ILLEGAL GS ACQ SCENARIO USED WITH ACS/SBC																																																																	
Diagnostics																																																																		
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>DO-TAU</td> <td>RA: 04 38 28.5900 (69.6191250d) Dec: +26 10 50.30 (26.18064d) Equinox: J2000</td> <td></td> <td>V=13.5+/-1.0</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(15)	DO-TAU	RA: 04 38 28.5900 (69.6191250d) Dec: +26 10 50.30 (26.18064d) Equinox: J2000		V=13.5+/-1.0	Reference Frame: ICRS																																																					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																												
(15)	DO-TAU	RA: 04 38 28.5900 (69.6191250d) Dec: +26 10 50.30 (26.18064d) Equinox: J2000		V=13.5+/-1.0	Reference Frame: ICRS																																																													
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(15) DO-TAU</td> <td>ACS/SBC, ACCUM, SBC</td> <td>F165LP</td> <td></td> <td>GS ACQ SCENARI O SINGLE</td> <td></td> <td>101.0 Secs</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(15) DO-TAU</td> <td>ACS/SBC, ACCUM, SBC</td> <td>PR130L</td> <td></td> <td></td> <td></td> <td>1284.0 Secs X 2</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(15) DO-TAU	ACS/SBC, ACCUM, SBC	F165LP		GS ACQ SCENARI O SINGLE		101.0 Secs										[==>]	[1]	2		(15) DO-TAU	ACS/SBC, ACCUM, SBC	PR130L				1284.0 Secs X 2										[==>(Copy 1)]										[==>(Copy 2)]	[1]					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																																																								
	1		(15) DO-TAU	ACS/SBC, ACCUM, SBC	F165LP		GS ACQ SCENARI O SINGLE		101.0 Secs																																																									
									[==>]	[1]																																																								
2		(15) DO-TAU	ACS/SBC, ACCUM, SBC	PR130L				1284.0 Secs X 2																																																										
								[==>(Copy 1)]																																																										
								[==>(Copy 2)]	[1]																																																									
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>																																																																	

Proposal 10840 - Visit 08 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:27 GMT 2007

Visit	Proposal 10840, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(17)		DP-TAU	RA: 04 42 37.2000 (70.6550000d) Dec: +25 15 37.00 (25.26028d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(17) DP-TAU	ACS/SBC, ACCUM, SBC	F165LP				113.0 Secs [==>]	[1]	
	2		(17) DP-TAU	ACS/SBC, ACCUM, SBC	PR130L				1200.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue hatched bar represents the observation period, starting at approximately 400 seconds and ending at 3100 seconds. Key events are marked with arrows: 'GS Acq' at ~100s, 'Exp. 1' (green box) at ~400s, 'Pointing Maneuver' at ~500s, 'Exp. 2, copy 1' (green box) at ~600s, 'Exp. 2, copy 2' (green box) at ~1900s, and 'Occultation' at ~3100s. A vertical line at ~3100s is labeled 'Unused Visibility = 70'. A small black bar is shown at the end of the observation period around 3100s.</p>										
	<p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, copy 1, Exp. 2, copy 2, Occultation, Unused Visibility = 70.</p>										

Visit	Proposal 10840, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(18)		IP-TAU	RA: 04 24 57.0800 (66.2378333d) Dec: +27 11 56.60 (27.19906d) Equinox: J2000		V=13.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(18) IP-TAU	(18) IP-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs	
									[==>]	[1]
	2	(18) IP-TAU	(18) IP-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, copy 1, Exp. 2, copy 2, Occultation, Unused Visibility = 0</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

Proposal 10840 - Visit 10 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:27 GMT 2007

Visit	Proposal 10840, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(19)		FM-TAU	RA: 04 14 13.4400 (63.5560000d) Dec: +28 12 51.10 (28.21419d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) FM-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs	
									[==>]	[1]
	2		(19) FM-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 10840 - Visit 11 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:28 GMT 2007

Visit	Proposal 10840, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(20)		CX-TAU	RA: 04 14 48.0000 (63.7000000d) Dec: +26 48 11.00 (26.80306d) Equinox: J2000		V=13.7+/-1.0	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	(20) CX-TAU	(20) CX-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs		
									[==>]	[1]	
	2	(20) CX-TAU	(20) CX-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2		
									[==>(Copy 1)]	[1]	
									[==>(Copy 2)]		
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>										

Proposal 10840 - Visit 12 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:28 GMT 2007

Visit	Proposal 10840, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(21)		FP-TAU	RA: 04 14 47.0000 (63.6958333d) Dec: +26 46 26.50 (26.77403d) Equinox: J2000		V=13.9+/-1.0	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(21) FP-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs		
									[==>]	[1]	
	2		(21) FP-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2		
								[==>(Copy 1)]		[1]	
								[==>(Copy 2)]			
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>										

Proposal 10840 - Visit 13 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:28 GMT 2007

Visit	Proposal 10840, Visit 13, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(22)		AA-TAU	RA: 04 34 55.4500 (68.7310417d) Dec: +24 28 53.70 (24.48158d) Equinox: J2000		V=12.8+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(22) AA-TAU	(22) AA-TAU	ACS/SBC, ACCUM, SBC	F165LP				101.0 Secs [==>]	[1]
	2	(22) AA-TAU	(22) AA-TAU	ACS/SBC, ACCUM, SBC	PR130L				1240.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 10840 - Visit 14 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:29 GMT 2007

Visit	Proposal 10840, Visit 14, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(23)		HN-TAU	RA: 04 33 39.3600 (68.4140000d) Dec: +17 51 52.30 (17.86453d) Equinox: J2000		V=13.7+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(23) HN-TAU	(23) HN-TAU	ACS/SBC, ACCUM, SBC	F165LP				102.0 Secs	
									[==>]	[1]
	2	(23) HN-TAU	(23) HN-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2	
									[==>1238.0 Secs (Copy 1)]	[1]
									[==>1238.0 Secs (Copy 2)]	
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 10840 - Visit 15 - The FUV fluxes of Tauri stars in the Taurus molecular cloud

Fri Mar 16 01:04:29 GMT 2007

Visit	Proposal 10840, Visit 15, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(24)		DL-TAU	RA: 04 33 39.0200 (68.4125833d) Dec: +25 20 38.90 (25.34414d) Equinox: J2000		V=13.1+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(24) DL-TAU	(24) DL-TAU	ACS/SBC, ACCUM, SBC	F165LP				103.0 Secs	
									[==>]	[1]
	2	(24) DL-TAU	(24) DL-TAU	ACS/SBC, ACCUM, SBC	PR130L				1241.0 Secs X 2	
									[==>1240.0 Secs (Copy 1)]	
									[==>1240.0 Secs (Copy 2)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20070302</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Pointing Maneuver</p> <p>Exp. 2, copy 1</p> <p>Exp. 2, copy 2</p> <p>Occultation</p> <p>Unused Visibility = 0</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									