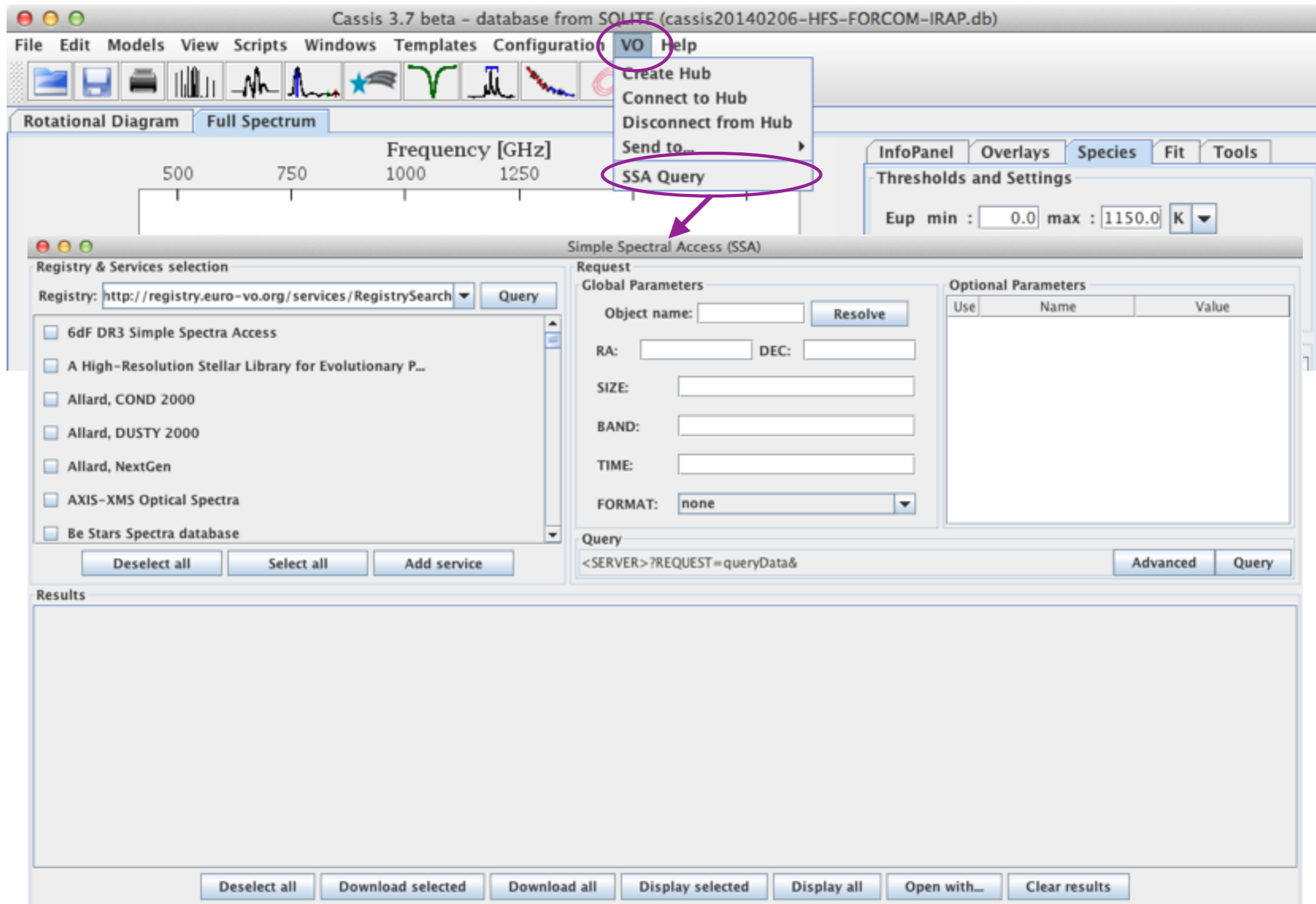


# SSA queries in CASSIS

# SSA queries in CASSIS

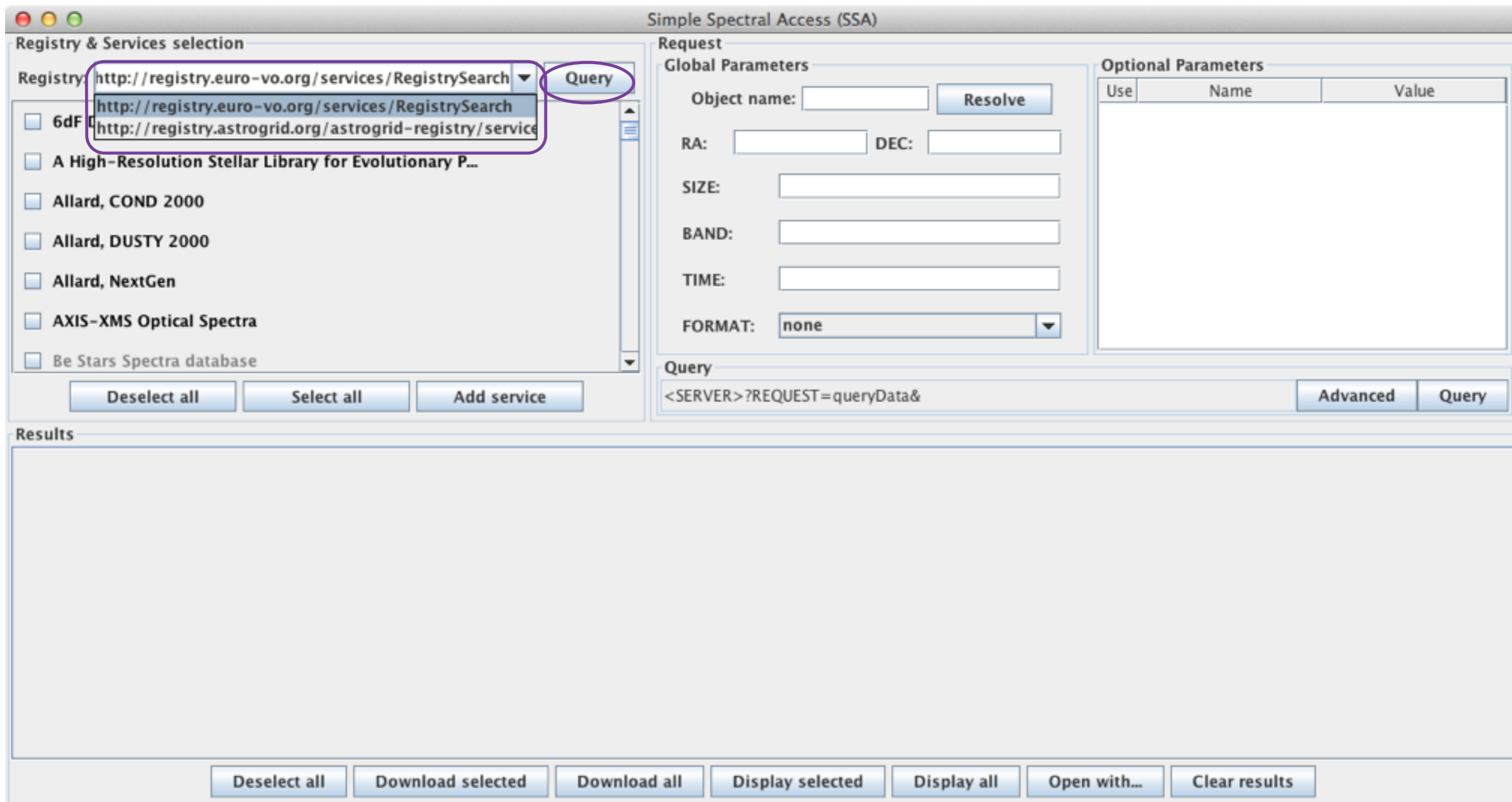
Click on VO → SSA Query ; this will open a Simple Spectral Access window



The screenshot displays the CASSIS 3.7 beta software interface. The main window shows a 'Full Spectrum' plot with a frequency axis from 500 to 1250 GHz. A menu is open, highlighting the 'VO' option, which has a sub-menu containing 'SSA Query'. Below this, the 'Simple Spectral Access (SSA)' window is open, showing a 'Registry & Services selection' panel with a list of services and a 'Request' panel with fields for 'Object name', 'RA', 'DEC', 'SIZE', 'BAND', 'TIME', and 'FORMAT'. The 'Query' field contains the text '<SERVER>?REQUEST=queryData&'. The 'Results' panel is currently empty.

# SSA queries in CASSIS

Choose the desired registry and click on “Query” to obtain the list of services from the corresponding registry :



Registry & Services selection

Registry: <http://registry.euro-vo.org/services/RegistrySearch> **Query**

- 6dF
- A High-Resolution Stellar Library for Evolutionary P...
- Allard, COND 2000
- Allard, DUSTY 2000
- Allard, NextGen
- AXIS-XMS Optical Spectra
- Be Stars Spectra database

Deselect all Select all Add service

Request

Global Parameters

Object name:  **Resolve**

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT: none

Optional Parameters

Use	Name	Value
-----	------	-------

Query

<SERVER>?REQUEST=queryData& **Advanced** **Query**

Results

Deselect all Download selected Download all Display selected Display all Open with... Clear results

# SSA queries in CASSIS

To query all services, click on “Select all” :

The screenshot shows the Simple Spectral Access (SSA) interface. On the left, under "Registry & Services selection", a list of services is shown with checkboxes. The "Select all" button is circled in purple. A purple arrow points from this button to the "Optional Parameters" table on the right. Another purple arrow points from the "Select all" button to a warning message in the "Results" section.

**Optional Parameters**

Use	Name	Value
<input type="checkbox"/>	-out.max	
<input type="checkbox"/>	abundances	
<input type="checkbox"/>	AcRef	
<input type="checkbox"/>	Age	
<input type="checkbox"/>	Age_max	
<input type="checkbox"/>	Age_min	
<input type="checkbox"/>	alfa	
<input type="checkbox"/>	alfa_max	
<input type="checkbox"/>	alfa_min	
<input type="checkbox"/>	alpha	
<input type="checkbox"/>	alpha_max	
<input type="checkbox"/>	alpha_min	

**Results**

Warning : some services errors

Services returning incorrect result:

- Epic Spectra SSAP of the SSC Interface for the 2XMMi DR3 Catalogue
- Epic Spectra SSAP of the SSC Interface for the 3XMM Catalogue
- Optical spectra of the XMM-Newton Optical Follow-up results database (XIDResult)

Services returning an error:

- Be Stars Spectra database
- Galaxy Evolution Explorer
- Mining the HEAVENS with the Virtual Observatory
- The NASA/IPAC Extragalactic Database SED Data Discovery Service

Services not responding:

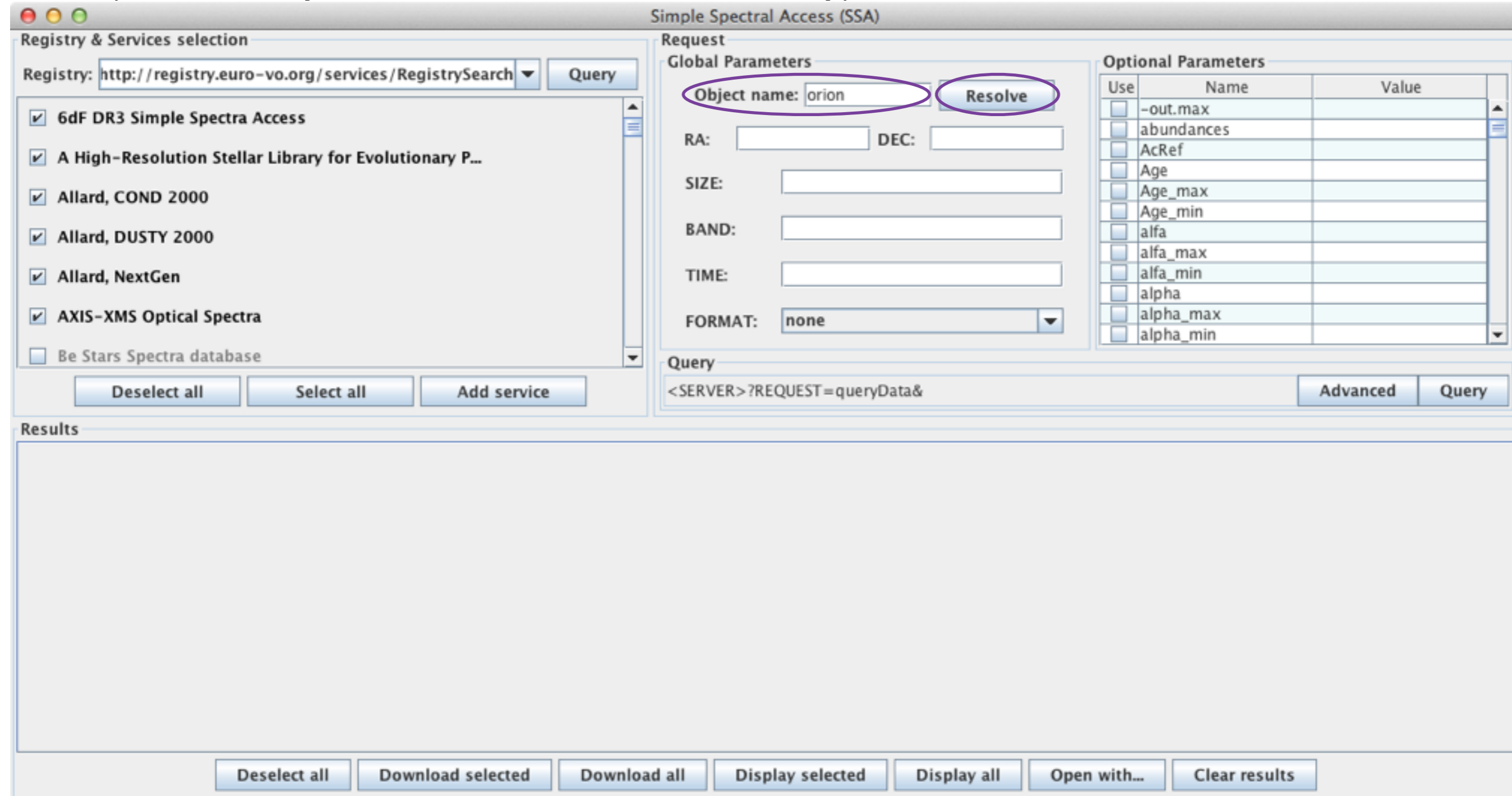
- CENCOS-VVDS\_DEEP SSA (VVDS Deep survey)
- CENCOS-VVDS\_DEEP SSA (VVDS Deep survey) 2
- ELODIE archive
- Far Ultraviolet Spectroscopic Explorer (Simple Spectrum Data Access)
- HiG - Simple Spectral Access to HI (21cm) Spectra of Galaxies
- HyperLeda FITS Archive Simple Spectrum Data Access
- ST-ECF Hubble Legacy Archive High-Level Spectra
- ST-ECF Hubble Space Telescope Spectra
- Synthetic photometry for COND 2000 models
- Synthetic photometry for DUSTY 2000 models
- Synthetic photometry for Kurucz models
- VVDS-F02 DEEP spectra

1. CASSIS returns a list of unavailable services

2. CASSIS provides a list of all optional parameters proposed by the services.

# SSA queries in CASSIS

Enter the object name and click on “Resolve” :  
(alternatively, enter the coordinates directly)



Simple Spectral Access (SSA)

Registry & Services selection

Registry:

- 6dF DR3 Simple Spectra Access
- A High-Resolution Stellar Library for Evolutionary P...
- Allard, COND 2000
- Allard, DUSTY 2000
- Allard, NextGen
- AXIS-XMS Optical Spectra
- Be Stars Spectra database

Request

Global Parameters

Object name:

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT:

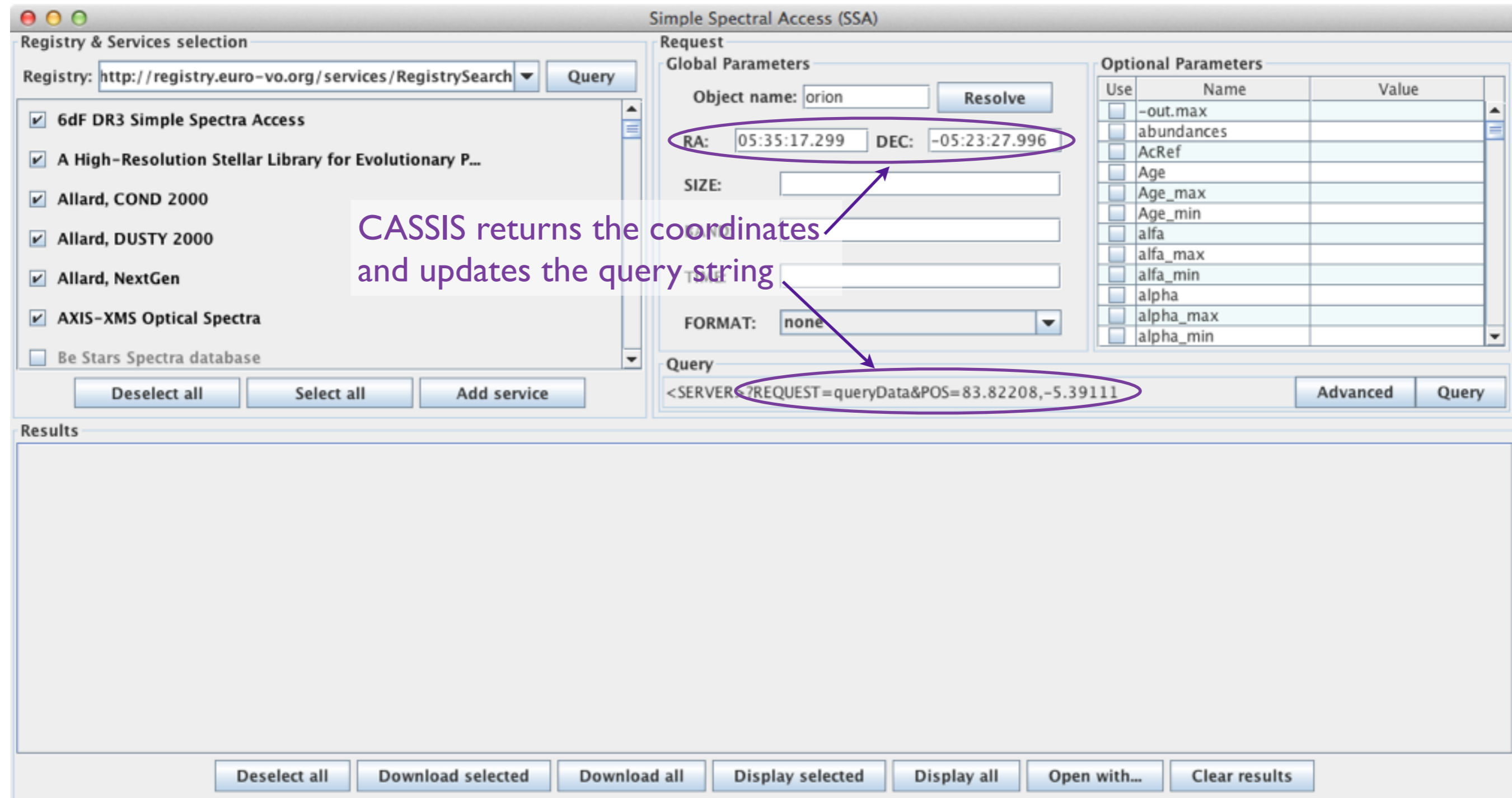
Optional Parameters

Use	Name	Value
<input type="checkbox"/>	-out.max	
<input type="checkbox"/>	abundances	
<input type="checkbox"/>	AcRef	
<input type="checkbox"/>	Age	
<input type="checkbox"/>	Age_max	
<input type="checkbox"/>	Age_min	
<input type="checkbox"/>	alfa	
<input type="checkbox"/>	alfa_max	
<input type="checkbox"/>	alfa_min	
<input type="checkbox"/>	alpha	
<input type="checkbox"/>	alpha_max	
<input type="checkbox"/>	alpha_min	

Query

Results

# SSA queries in CASSIS



Registry & Services selection

Registry:

- 6dF DR3 Simple Spectra Access
- A High-Resolution Stellar Library for Evolutionary P...
- Allard, COND 2000
- Allard, DUSTY 2000
- Allard, NextGen
- AXIS-XMS Optical Spectra
- Be Stars Spectra database

Request

Global Parameters

Object name:

RA:  DEC:

SIZE:

TIME:

FORMAT:

Optional Parameters

Use	Name	Value
<input type="checkbox"/>	-out.max	
<input type="checkbox"/>	abundances	
<input type="checkbox"/>	AcRef	
<input type="checkbox"/>	Age	
<input type="checkbox"/>	Age_max	
<input type="checkbox"/>	Age_min	
<input type="checkbox"/>	alfa	
<input type="checkbox"/>	alfa_max	
<input type="checkbox"/>	alfa_min	
<input type="checkbox"/>	alpha	
<input type="checkbox"/>	alpha_max	
<input type="checkbox"/>	alpha_min	

Query

<SERVER>?REQUEST=queryData&POS=83.82208,-5.39111

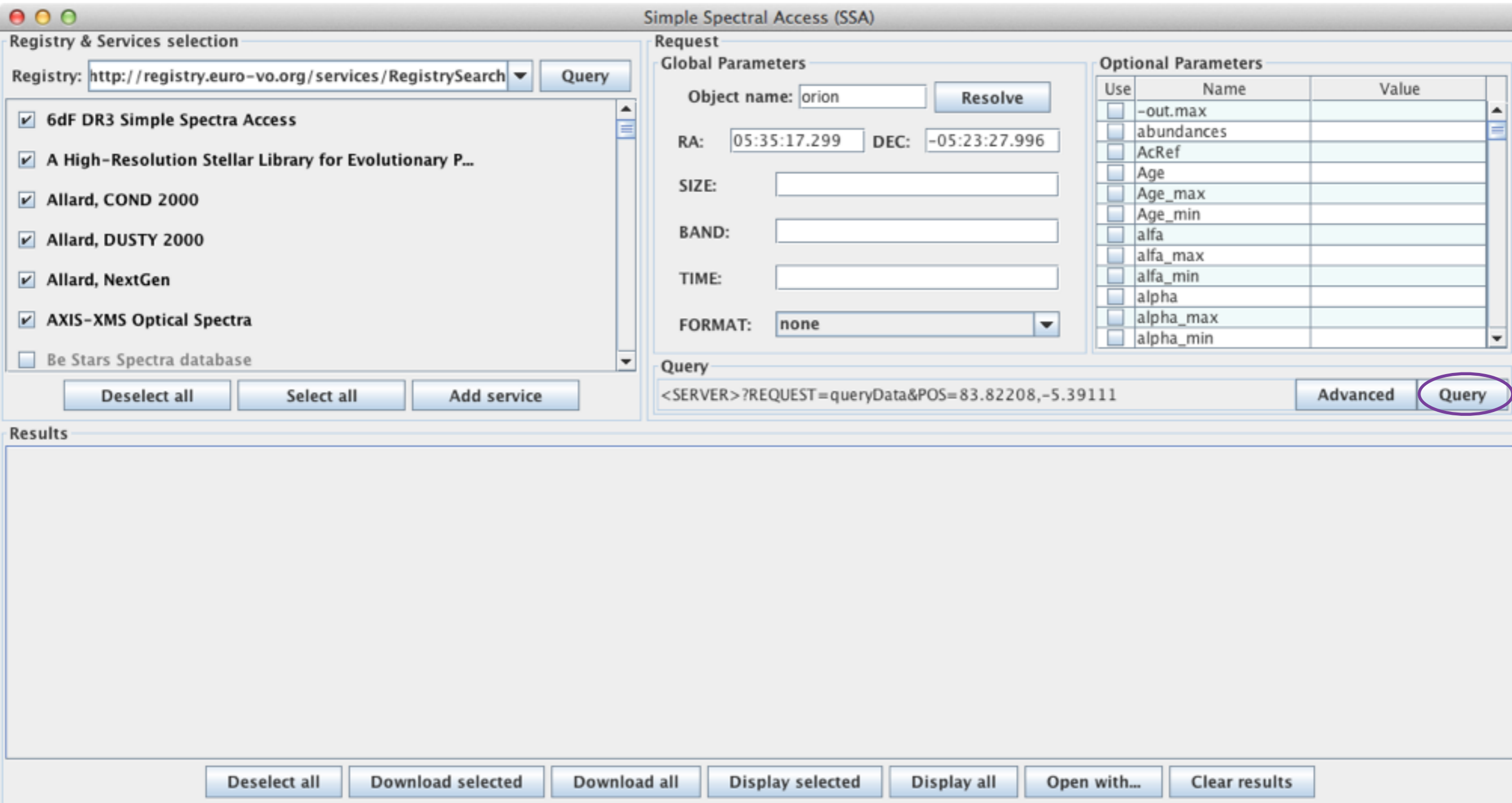
Results

CASSIS returns the coordinates and updates the query string



# SSA queries in CASSIS

Click on “Query” :



Registry & Services selection

Registry:

- 6dF DR3 Simple Spectra Access
- A High-Resolution Stellar Library for Evolutionary P...
- Allard, COND 2000
- Allard, DUSTY 2000
- Allard, NextGen
- AXIS-XMS Optical Spectra
- Be Stars Spectra database

Request

Global Parameters

Object name:

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT:

Optional Parameters

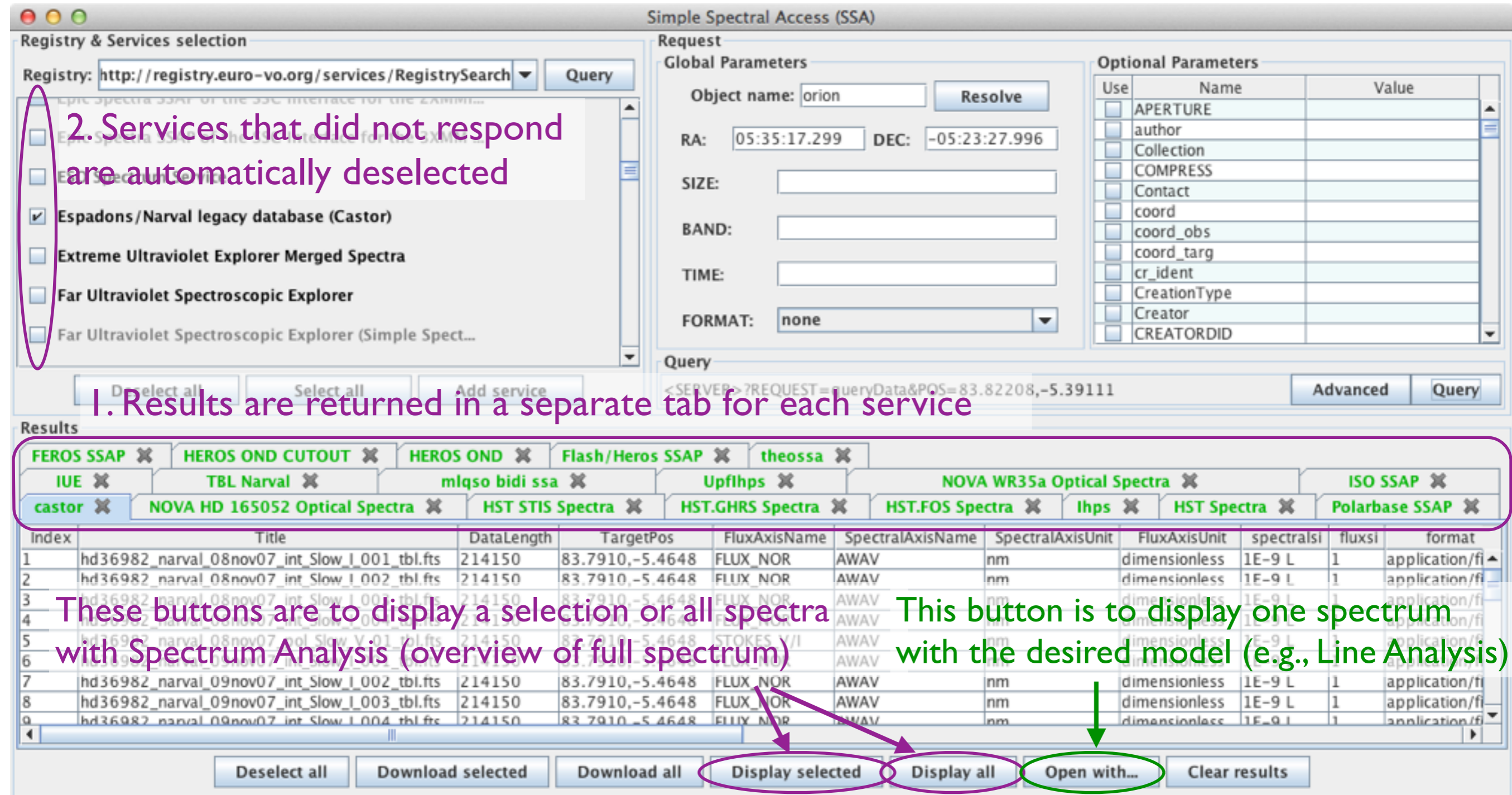
Use	Name	Value
<input type="checkbox"/>	-out.max	
<input type="checkbox"/>	abundances	
<input type="checkbox"/>	AcRef	
<input type="checkbox"/>	Age	
<input type="checkbox"/>	Age_max	
<input type="checkbox"/>	Age_min	
<input type="checkbox"/>	alfa	
<input type="checkbox"/>	alfa_max	
<input type="checkbox"/>	alfa_min	
<input type="checkbox"/>	alpha	
<input type="checkbox"/>	alpha_max	
<input type="checkbox"/>	alpha_min	

Query

<SERVER>?REQUEST=queryData&POS=83.82208,-5.39111

Results

# SSA queries in CASSIS



Registry & Services selection

Registry:

2. Services that did not respond are automatically deselected

Request

Global Parameters

Object name:

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT:

Optional Parameters

Use	Name	Value
<input type="checkbox"/>	APERTURE	
<input type="checkbox"/>	author	
<input type="checkbox"/>	Collection	
<input type="checkbox"/>	COMPRESS	
<input type="checkbox"/>	Contact	
<input type="checkbox"/>	coord	
<input type="checkbox"/>	coord_obs	
<input type="checkbox"/>	coord_targ	
<input type="checkbox"/>	cr_ident	
<input type="checkbox"/>	CreationType	
<input type="checkbox"/>	Creator	
<input type="checkbox"/>	CREATORID	

Query

<SERVER>?REQUEST=queryData&POS=83.82208,-5.39111

1. Results are returned in a separate tab for each service

Results

FEROS SSAP x HEROS OND CUTOUT x HEROS OND x Flash/Heros SSAP x theossa x  
IUE x TBL Narval x mlqso bidi ssa x Upflhps x NOVA WR35a Optical Spectra x ISO SSAP x  
castor x NOVA HD 165052 Optical Spectra x HST STIS Spectra x HST.GHRIS Spectra x HST.FOS Spectra x lhps x HST Spectra x Polarbase SSAP x

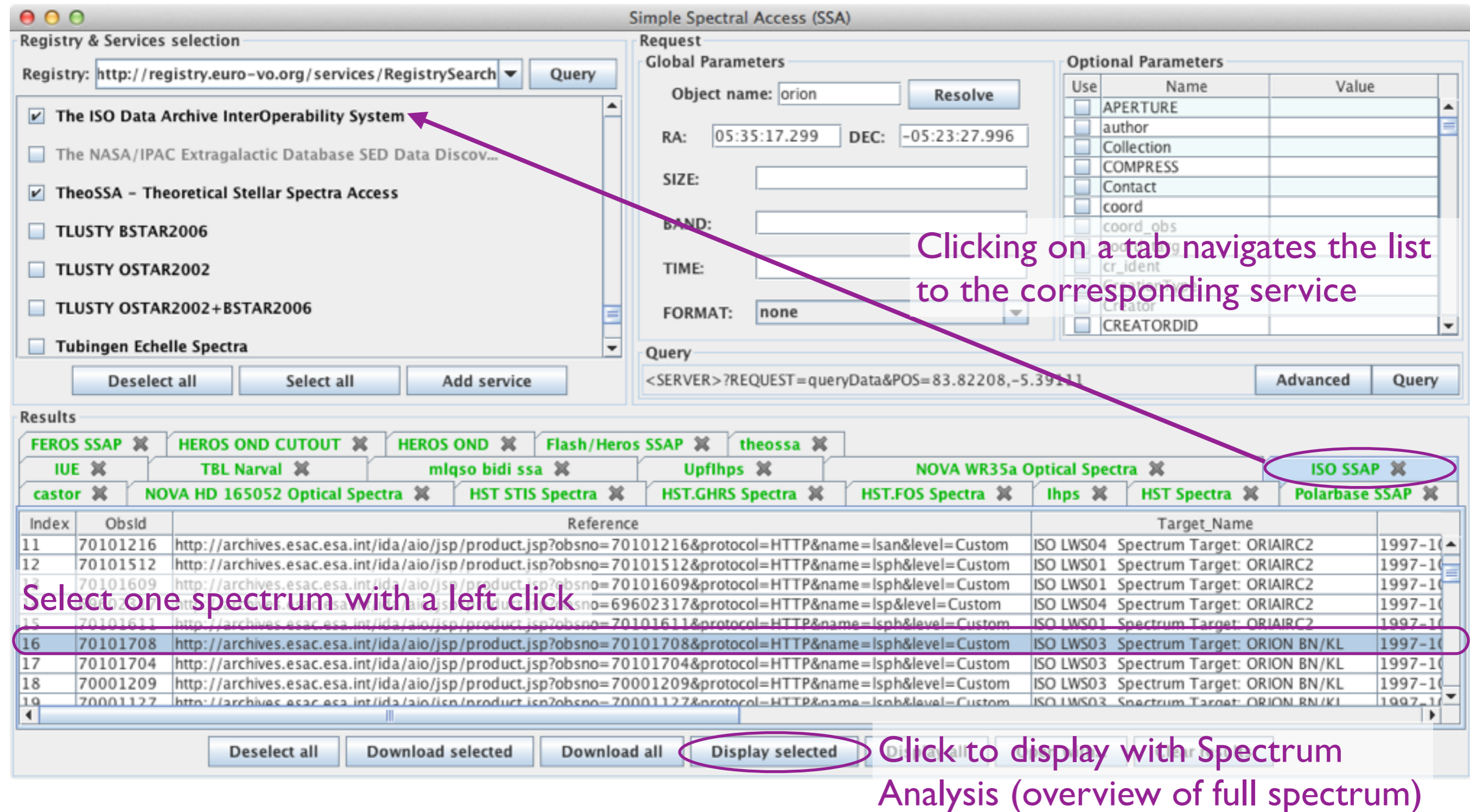
Index	Title	DataLength	TargetPos	FluxAxisName	SpectralAxisName	SpectralAxisUnit	FluxAxisUnit	spectralsi	fluxsi	format
1	hd36982_narval_08nov07_int_Slow_I_001_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
2	hd36982_narval_08nov07_int_Slow_I_002_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
3	hd36982_narval_08nov07_int_Slow_I_001_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
4	hd36982_narval_08nov07_int_Slow_I_002_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
5	hd36982_narval_08nov07_pol_Slow_V_01_tbl.fts	214150	83.7910,-5.4648	STOKES_V/I	AWAV	nm	dimensionless	1E-9 L	1	application/fi
6	hd36982_narval_08nov07_int_Slow_I_001_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
7	hd36982_narval_09nov07_int_Slow_I_002_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
8	hd36982_narval_09nov07_int_Slow_I_003_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi
9	hd36982_narval_09nov07_int_Slow_I_004_tbl.fts	214150	83.7910,-5.4648	FLUX_NOR	AWAV	nm	dimensionless	1E-9 L	1	application/fi

These buttons are to display a selection or all spectra with Spectrum Analysis (overview of full spectrum)

This button is to display one spectrum with the desired model (e.g., Line Analysis)



# SSA queries in CASSIS



Registry & Services selection

Registry: <http://registry.euro-vo.org/services/RegistrySearch> Query

- The ISO Data Archive InterOperability System
- The NASA/IPAC Extragalactic Database SED Data Discov...
- TheoSSA - Theoretical Stellar Spectra Access
- TLUSTY BSTAR2006
- TLUSTY OSTAR2002
- TLUSTY OSTAR2002+BSTAR2006
- Tubingen Echelle Spectra

Deselect all Select all Add service

Request

Global Parameters

Object name:  Resolve

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT:

Optional Parameters

Use	Name	Value
<input type="checkbox"/>	APERTURE	
<input type="checkbox"/>	author	
<input type="checkbox"/>	Collection	
<input type="checkbox"/>	COMPRESS	
<input type="checkbox"/>	Contact	
<input type="checkbox"/>	coord	
<input type="checkbox"/>	coord_obs	
<input type="checkbox"/>	cr_ident	
<input type="checkbox"/>	CREATOR	
<input type="checkbox"/>	CREATORID	

Query

<SERVER>?REQUEST=queryData&POS=83.82208,-5.39111

Advanced Query

Results

- FEROS SSAP
- HEROS OND CUTOUT
- HEROS OND
- Flash/Heros SSAP
- theossa
- IUE
- TBL Narval
- mlqso bidi ssa
- Upflhps
- NOVA WR35a Optical Spectra
- ISO SSAP**
- castor
- NOVA HD 165052 Optical Spectra
- HST STIS Spectra
- HST.GHRS Spectra
- HST.FOS Spectra
- lhps
- HST Spectra
- Polarbase SSAP

Index	Obsid	Reference	Target_Name
11	70101216	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101216&amp;protocol=HTTP&amp;name=lsan&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101216&amp;protocol=HTTP&amp;name=lsan&amp;level=Custom</a>	ISO LWS04 Spectrum Target: ORIAIRC2 1997-10
12	70101512	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101512&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101512&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS01 Spectrum Target: ORIAIRC2 1997-10
13	70101609	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101609&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101609&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS01 Spectrum Target: ORIAIRC2 1997-10
14	70101611	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=69602317&amp;protocol=HTTP&amp;name=isp&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=69602317&amp;protocol=HTTP&amp;name=isp&amp;level=Custom</a>	ISO LWS04 Spectrum Target: ORIAIRC2 1997-10
15	70101611	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101611&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101611&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS01 Spectrum Target: ORIAIRC2 1997-10
16	70101708	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101708&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101708&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS03 Spectrum Target: ORION BN/KL 1997-10
17	70101704	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101704&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101704&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS03 Spectrum Target: ORION BN/KL 1997-10
18	70001209	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001209&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001209&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS03 Spectrum Target: ORION BN/KL 1997-10
19	70001127	<a href="http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001127&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom">http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001127&amp;protocol=HTTP&amp;name=lsph&amp;level=Custom</a>	ISO LWS03 Spectrum Target: ORION BN/KL 1997-10

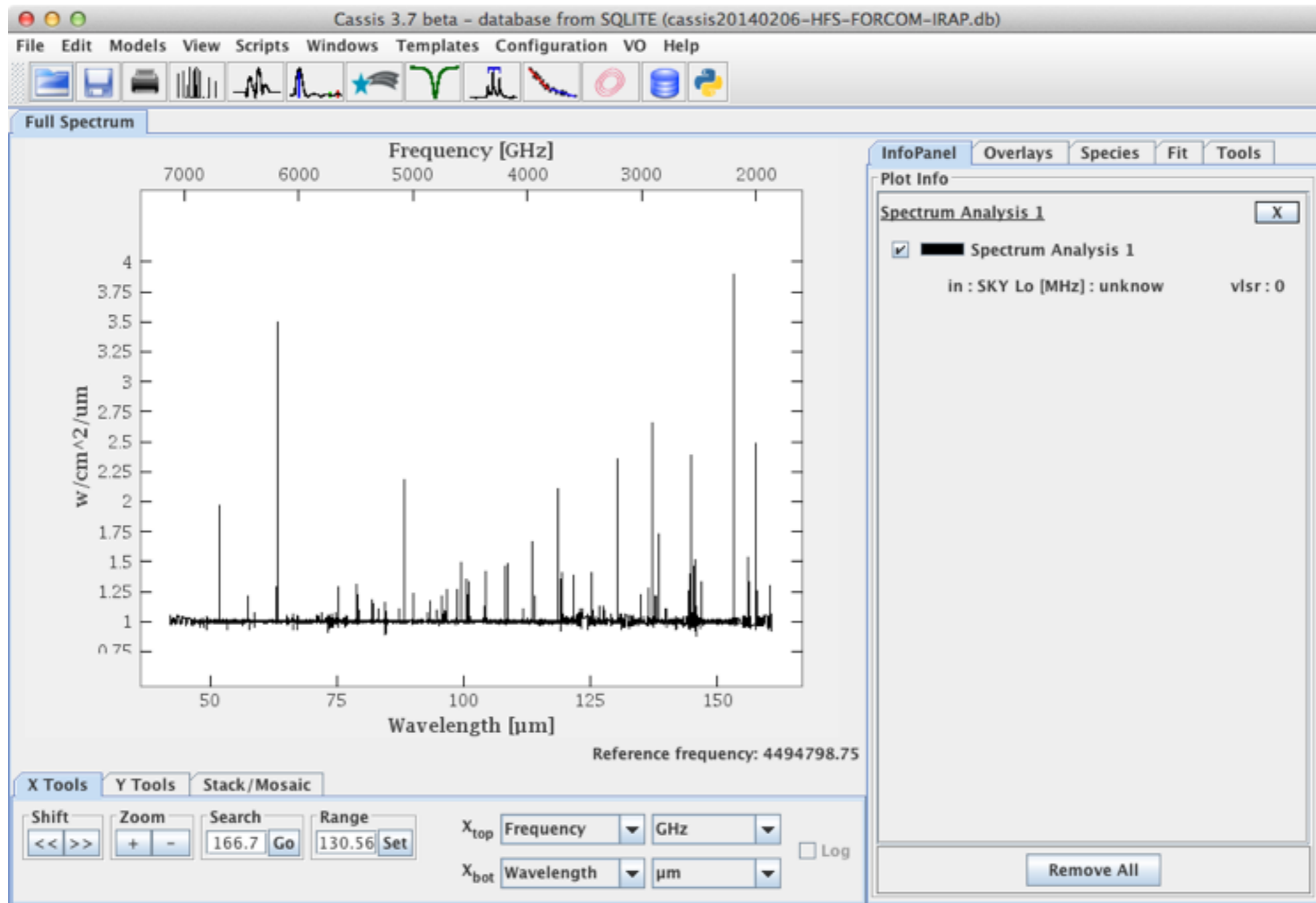
Deselect all Download selected Download all **Display selected** Display all

Clicking on a tab navigates the list to the corresponding service

Select one spectrum with a left click

Click to display with Spectrum Analysis (overview of full spectrum)

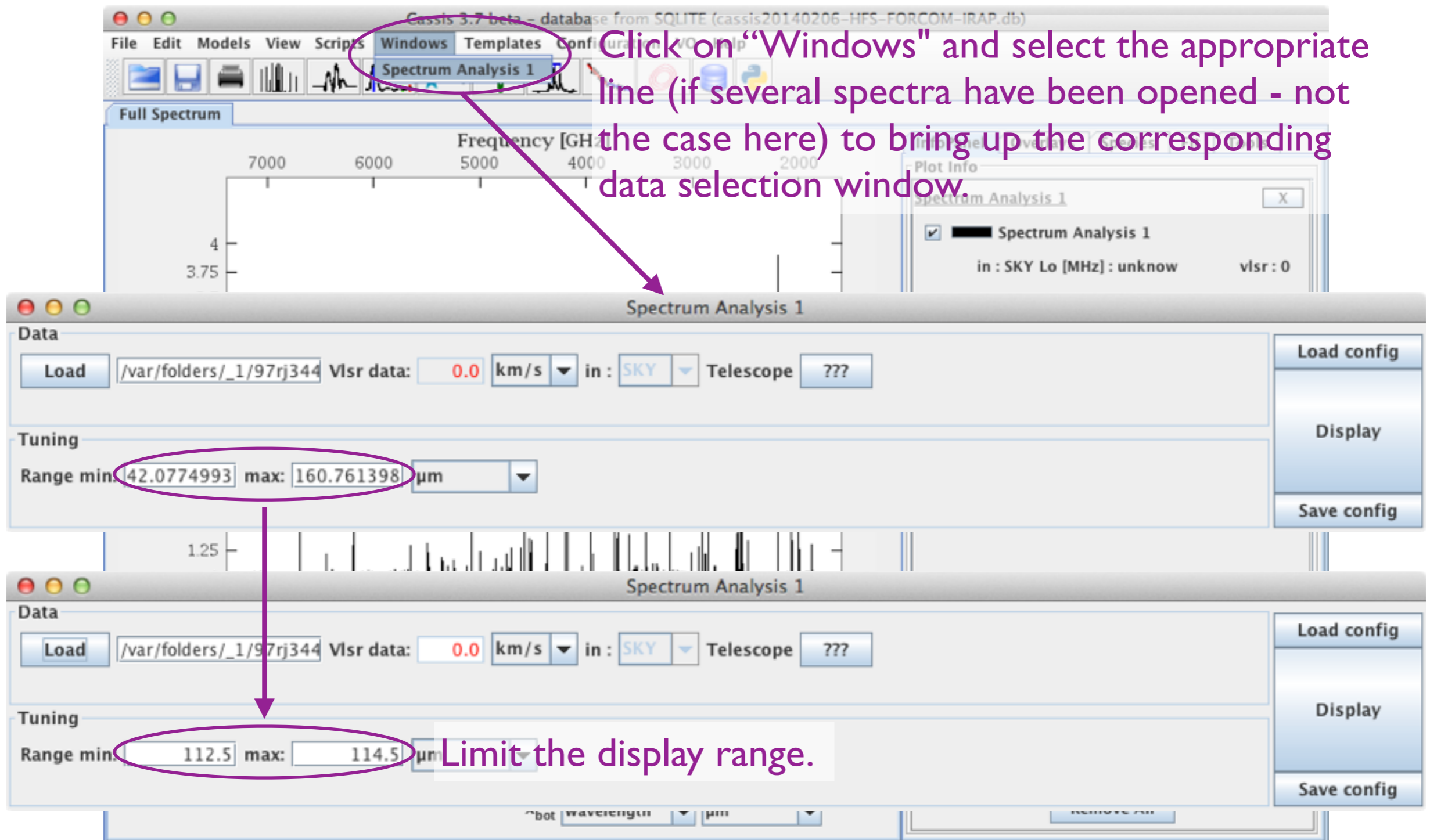
# SSA queries in CASSIS



Can then use your favorite functionalities in CASSIS : display other species, perform a fit, etc.

# SSA queries in CASSIS

Note : to perform a fit or display a large number of transition, it is advisable to restrict the x-axis range



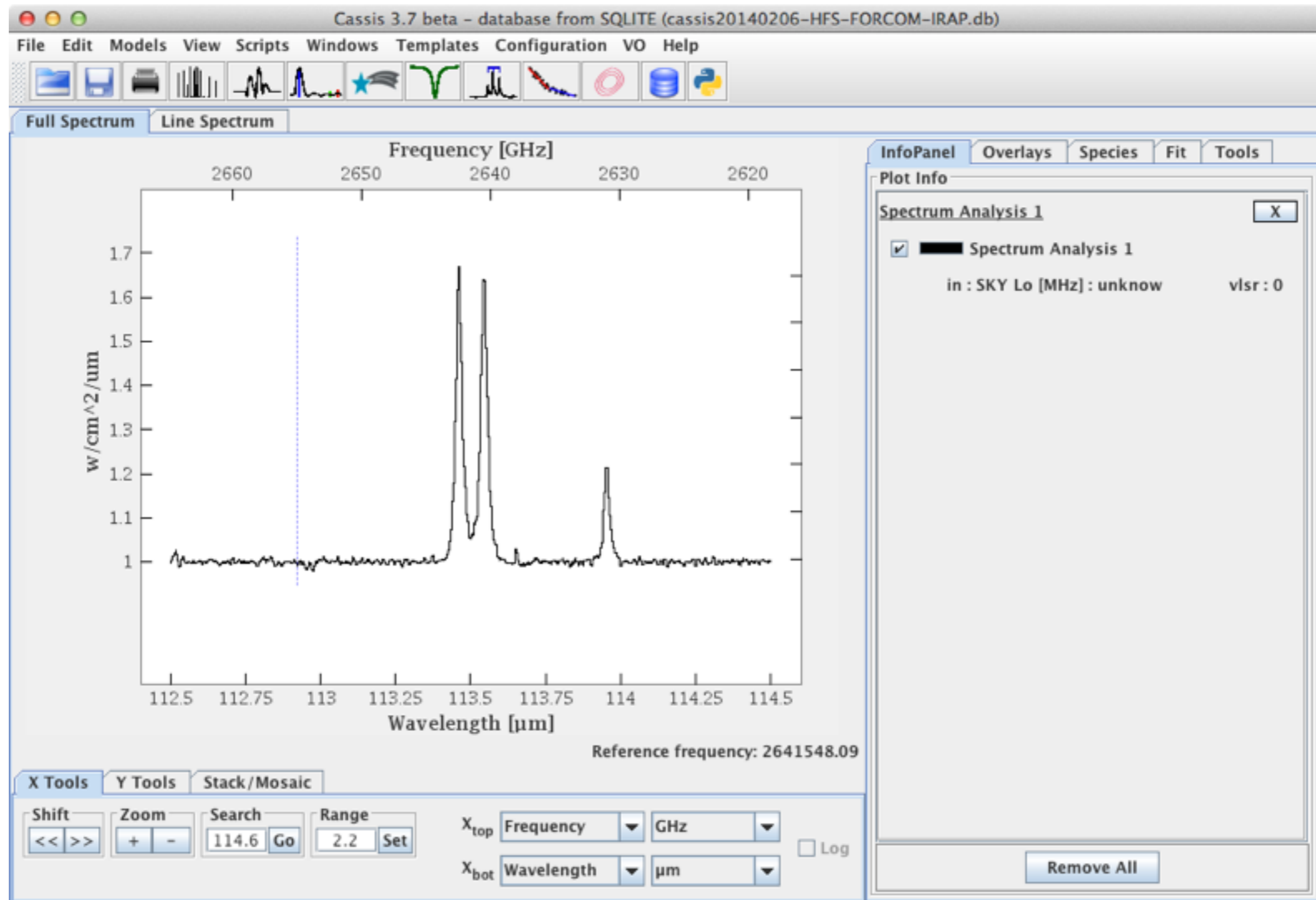
Click on "Windows" and select the appropriate line (if several spectra have been opened - not the case here) to bring up the corresponding data selection window.

Limit the display range.

The image shows three overlapping windows of the CASSIS software. The top window is the main application with a menu bar including 'File', 'Edit', 'Models', 'View', 'Scripts', 'Windows', 'Templates', and 'Configuration'. The 'Windows' menu is open, showing 'Spectrum Analysis 1'. Below the menu is a plot titled 'Full Spectrum' with a frequency axis from 7000 to 2000 GHz. The middle window is titled 'Spectrum Analysis 1' and shows a 'Data' section with a 'Load' button, a file path, 'Vlsr data: 0.0 km/s', 'in: SKY', and 'Telescope: ???'. The 'Tuning' section shows 'Range min: 42.0774993' and 'max: 160.761398' in micrometers. The bottom window is also titled 'Spectrum Analysis 1' and shows the same 'Data' section, but the 'Tuning' section is set to 'Range min: 112.5' and 'max: 114.5' in micrometers. Purple circles and arrows highlight the 'Windows' menu, the 'Spectrum Analysis 1' window title, and the 'Range min' and 'max' input fields in both the middle and bottom windows.

# SSA queries in CASSIS

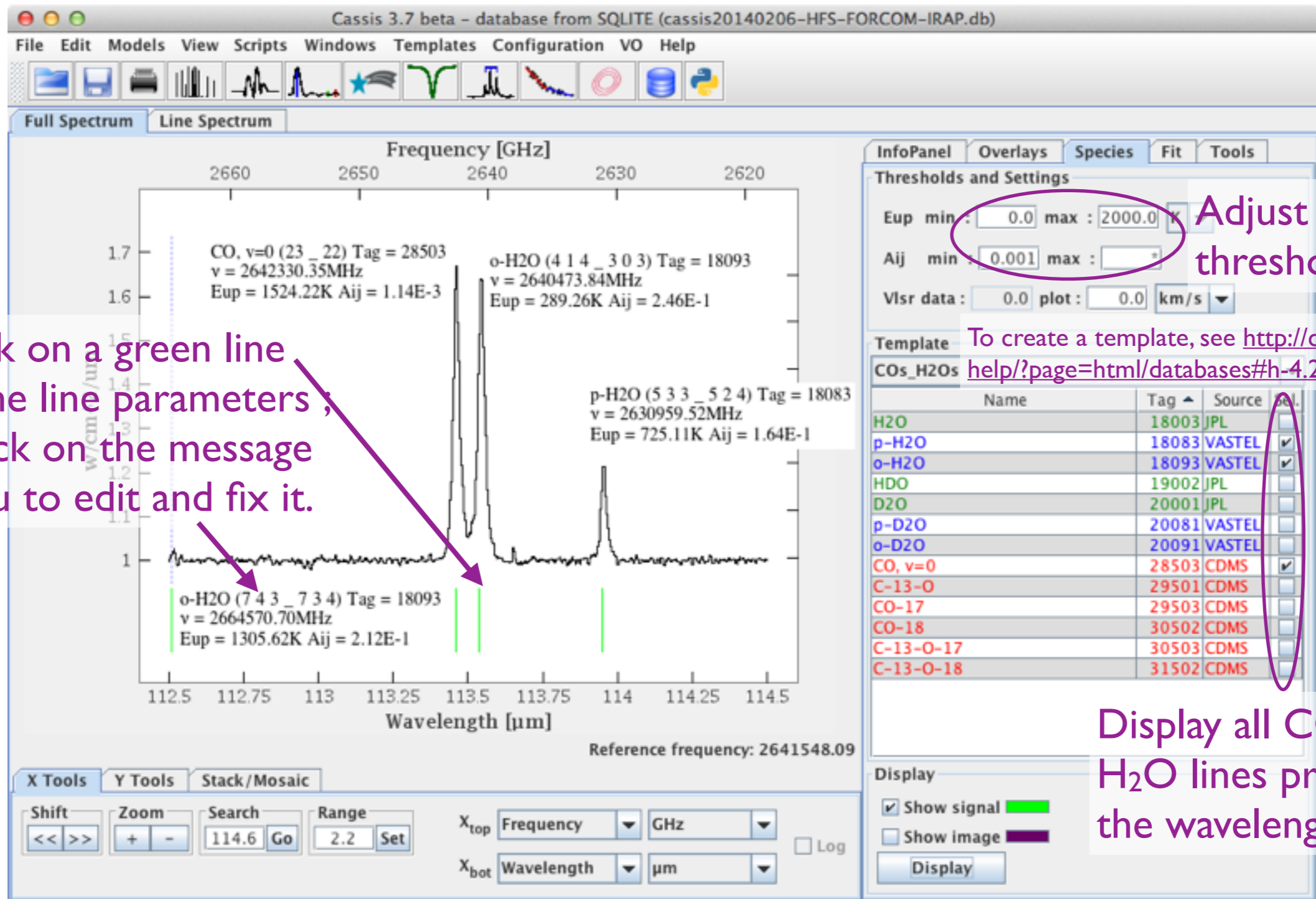
Note : to perform a fit or display a large number of transition, it is advisable to restrict the x-axis range





# SSA queries in CASSIS

Note : to perform a fit or display a large number of transition, it is advisable to restrict the x-axis range



A left-click on a green line displays the line parameters; a right-click on the message allows you to edit and fix it.

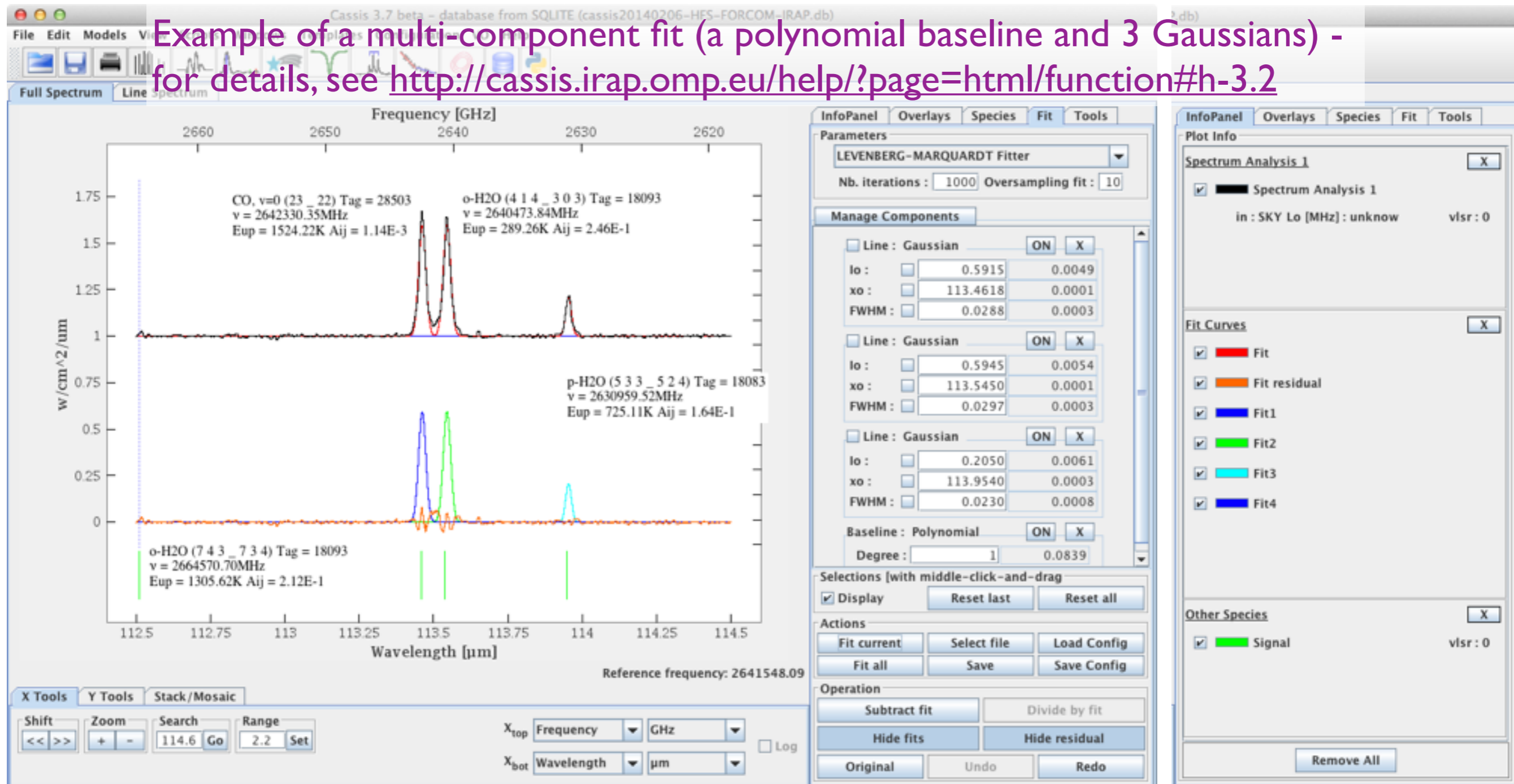
Display all CO and H<sub>2</sub>O lines present in the wavelength range



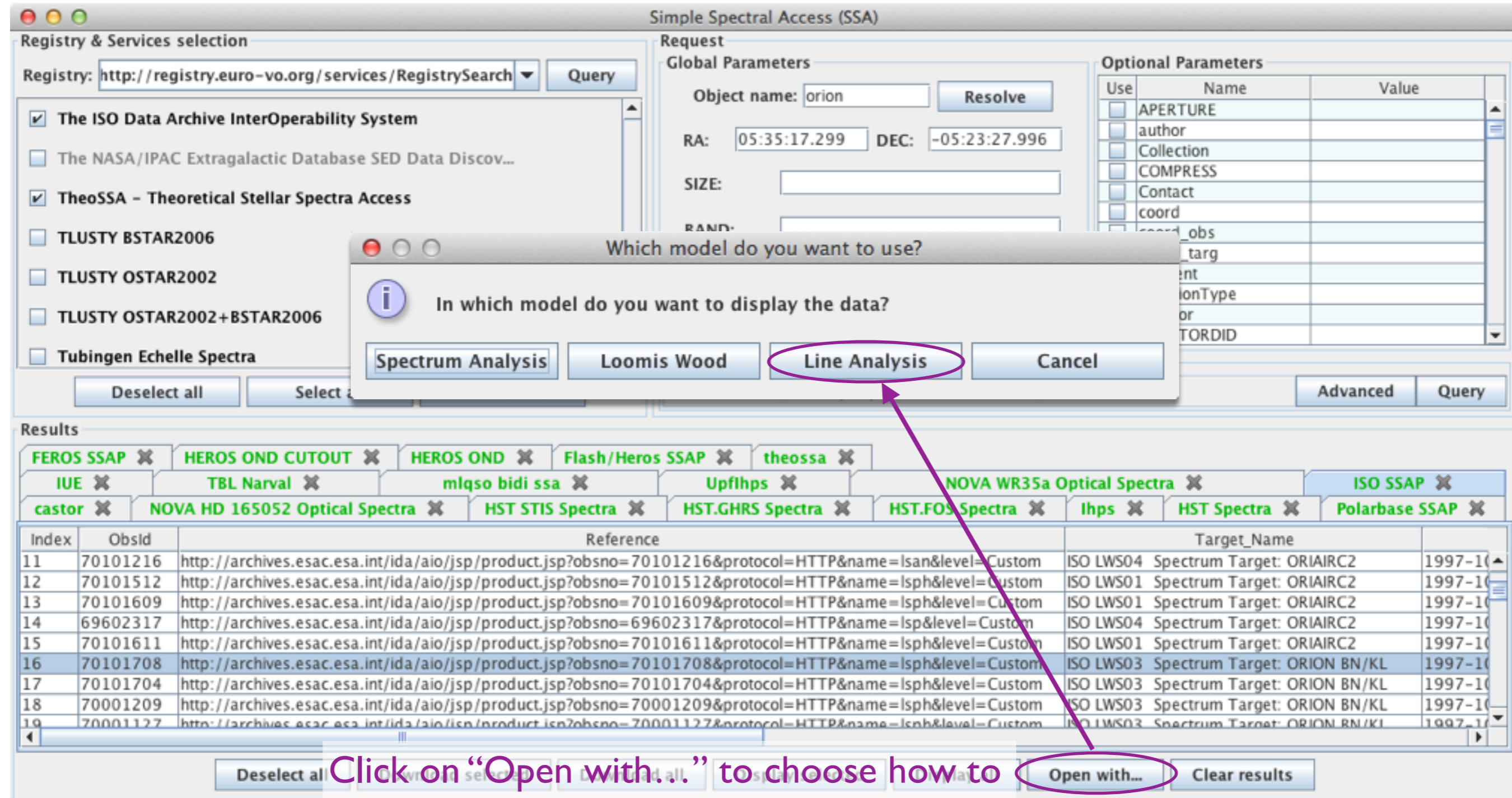
# SSA queries in CASSIS

Note : to perform a fit or display a large number of transition, it is advisable to restrict the x-axis range

Example of a multi-component fit (a polynomial baseline and 3 Gaussians) - for details, see <http://cassis.irap.omp.eu/help/?page=html/function#h-3.2>



# SSA queries in CASSIS



The screenshot shows the Simple Spectral Access (SSA) interface. The main window is titled "Simple Spectral Access (SSA)" and contains several sections:

- Registry & Services selection:** A list of services with checkboxes. "The ISO Data Archive InterOperability System" and "TheoSSA - Theoretical Stellar Spectra Access" are checked.
- Request:** Fields for "Object name" (orion), "RA" (05:35:17.299), and "DEC" (-05:23:27.996). A "Resolve" button is next to the object name.
- Optional Parameters:** A table with columns "Use", "Name", and "Value".
- Results:** A table with columns "Index", "Obsid", "Reference", and "Target\_Name".

A dialog box titled "Which model do you want to use?" is overlaid on the interface. It contains the question "In which model do you want to display the data?" and four buttons: "Spectrum Analysis", "Loomis Wood", "Line Analysis", and "Cancel". The "Line Analysis" button is circled in purple.

At the bottom of the interface, there is a row of buttons: "Deselect all", "Click on 'Open with...'", "Clear results", and "Open with...". The "Open with..." button is also circled in purple.

Index	Obsid	Reference	Target_Name
11	70101216	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101216&protocol=HTTP&name=lsan&level=Custom	ISO LWS04 Spectrum Target: ORIAIRC2
12	70101512	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101512&protocol=HTTP&name=lsph&level=Custom	ISO LWS01 Spectrum Target: ORIAIRC2
13	70101609	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101609&protocol=HTTP&name=lsph&level=Custom	ISO LWS01 Spectrum Target: ORIAIRC2
14	69602317	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=69602317&protocol=HTTP&name=isp&level=Custom	ISO LWS04 Spectrum Target: ORIAIRC2
15	70101611	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101611&protocol=HTTP&name=lsph&level=Custom	ISO LWS01 Spectrum Target: ORIAIRC2
16	70101708	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101708&protocol=HTTP&name=lsph&level=Custom	ISO LWS03 Spectrum Target: ORION BN/KL
17	70101704	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70101704&protocol=HTTP&name=lsph&level=Custom	ISO LWS03 Spectrum Target: ORION BN/KL
18	70001209	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001209&protocol=HTTP&name=lsph&level=Custom	ISO LWS03 Spectrum Target: ORION BN/KL
19	70001127	http://archives.esac.esa.int/ida/aio/jsp/product.jsp?obsno=70001127&protocol=HTTP&name=lsph&level=Custom	ISO LWS03 Spectrum Target: ORION BN/KL

Click on "Open with..." to choose how to display the spectrum, e.g. with Line Analysis

# SSA queries in CASSIS

Search for and select all the other cyanopolyynes  $\text{HC}_{2n+1}\text{N}$  ( $n \geq 1$ ) and click on “Add selected species to the new template”

The screenshot shows the CASSIS Line Analysis interface. The 'Template' panel on the right lists various species, with 'CO, v=0' selected. The 'Threshold' section has 'Eup min' and 'max' values set to 0.0 and 5000.0 K, respectively. The 'Parameters' section includes 'Telescope: apex', 'Noise rms: 0.0 mK', and 'Oversampling: 3.0'. The 'Molecules' section is set to 'Full LTE' mode with 'Interacting' checked. The 'Continuum' section is set to 'Continuum 0 [K]'. The bottom table shows the selected species and its parameters.

Species	Tag	Database	Compute	N(Sp) (cm <sup>-2</sup> )	Abundance (/H <sub>2</sub> )	Tex (K)	FWHM (km/s)	Size (")
CO, v=0	28503	CDMS	<input checked="" type="checkbox"/>	7.00E14	1.00E-8	100.00	1.00	3.00

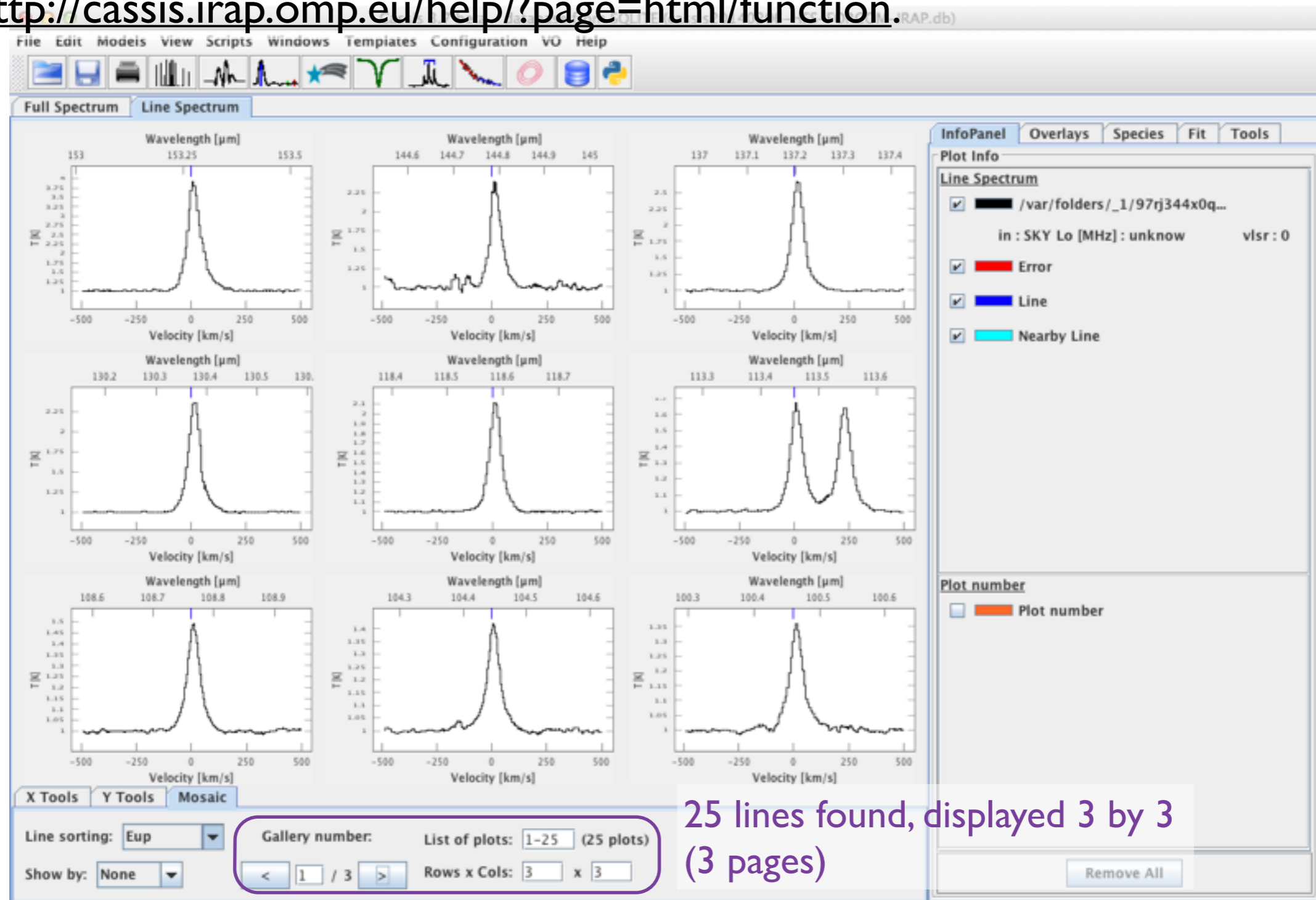
Adjust thresholds.

Select a species



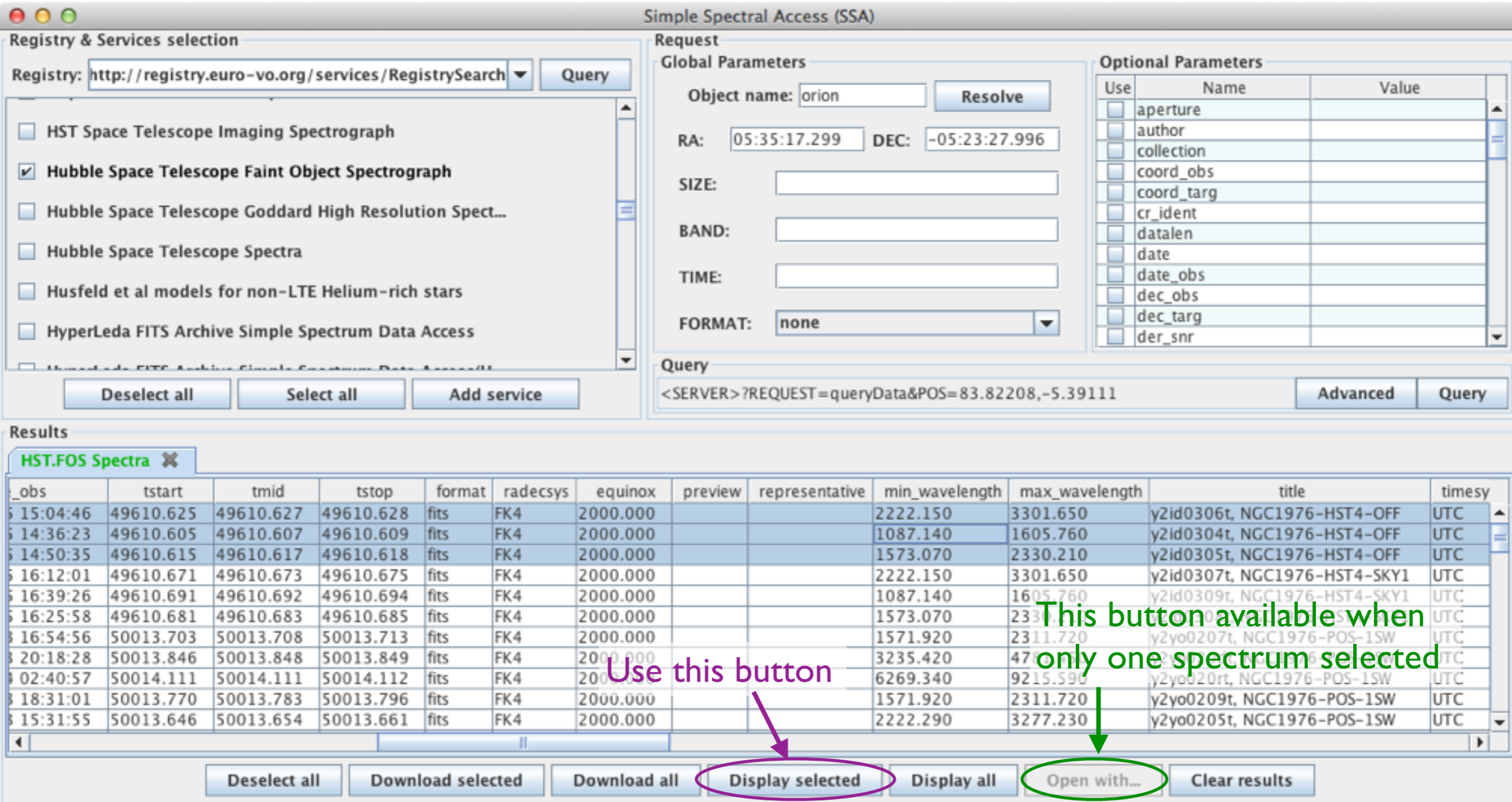
# SSA queries in CASSIS

For more details on line analysis and common functionalities that can be applied, see [http://cassis.irap.omp.eu/help/?page=html/line\\_analysis](http://cassis.irap.omp.eu/help/?page=html/line_analysis) and <http://cassis.irap.omp.eu/help/?page=html/function>.



# SSA queries in CASSIS

Example of a multi selection (shift+click or ctrl/cmd+click)



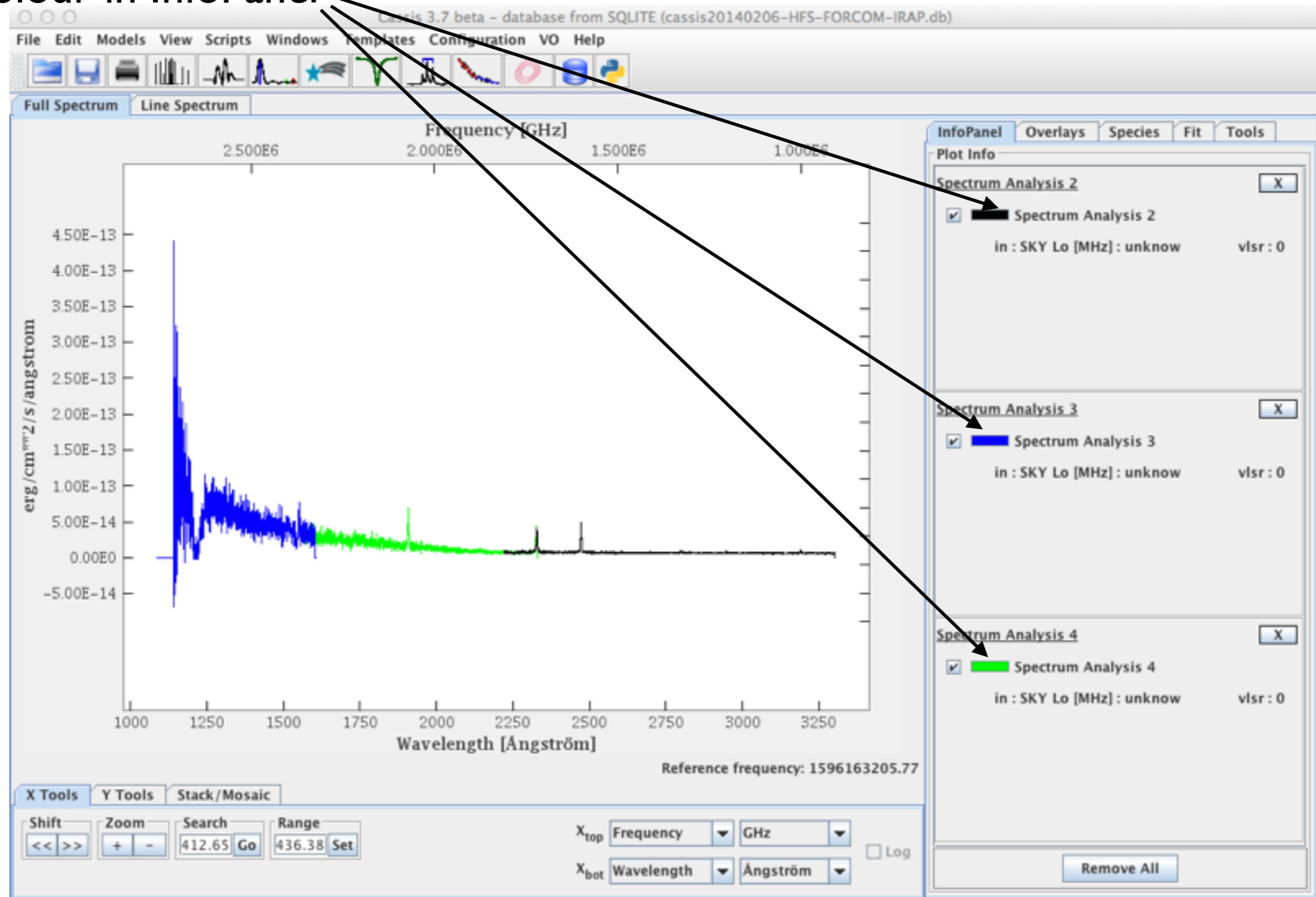
The screenshot shows the Simple Spectral Access (SSA) interface. The 'Registry & Services selection' panel on the left has 'Hubble Space Telescope Faint Object Spectrograph' selected. The 'Request' panel shows 'Object name: orion' and 'RA: 05:35:17.299 DEC: -05:23:27.996'. The 'Optional Parameters' table is empty. The 'Query' field contains '<SERVER>?REQUEST=queryData&POS=83.82208,-5.39111'. The 'Results' panel shows a table of spectra with the following columns: \_obs, tstart, tmid, tstop, format, radecsys, equinox, preview, representative, min\_wavelength, max\_wavelength, title, timesy. The table contains 12 rows of data. The 'Display selected' button is circled in purple, and the 'Open with...' button is circled in green. A green arrow points from the text 'This button available when only one spectrum selected' to the 'Open with...' button. A purple arrow points from the text 'Use this button' to the 'Display selected' button.

_obs	tstart	tmid	tstop	format	radecsys	equinox	preview	representative	min_wavelength	max_wavelength	title	timesy
15:04:46	49610.625	49610.627	49610.628	fits	FK4	2000.000			2222.150	3301.650	y2id0306t, NGC1976-HST4-OFF	UTC
14:36:23	49610.605	49610.607	49610.609	fits	FK4	2000.000			1087.140	1605.760	y2id0304t, NGC1976-HST4-OFF	UTC
14:50:35	49610.615	49610.617	49610.618	fits	FK4	2000.000			1573.070	2330.210	y2id0305t, NGC1976-HST4-OFF	UTC
16:12:01	49610.671	49610.673	49610.675	fits	FK4	2000.000			2222.150	3301.650	y2id0307t, NGC1976-HST4-SKY1	UTC
16:39:26	49610.691	49610.692	49610.694	fits	FK4	2000.000			1087.140	1605.760	y2id0309t, NGC1976-HST4-SKY1	UTC
16:25:58	49610.681	49610.683	49610.685	fits	FK4	2000.000			1573.070	2330.210	y2id0308t, NGC1976-HST4-SKY1	UTC
16:54:56	50013.703	50013.708	50013.713	fits	FK4	2000.000			1571.920	2311.720	y2yo0207t, NGC1976-POS-1SW	UTC
20:18:28	50013.846	50013.848	50013.849	fits	FK4	2000.000			3235.420	4789.520	y2yo0206t, NGC1976-POS-1SW	UTC
02:40:57	50014.111	50014.111	50014.112	fits	FK4	2000.000			6269.340	9215.590	y2yo0208t, NGC1976-POS-1SW	UTC
18:31:01	50013.770	50013.783	50013.796	fits	FK4	2000.000			1571.920	2311.720	y2yo0209t, NGC1976-POS-1SW	UTC
15:31:55	50013.646	50013.654	50013.661	fits	FK4	2000.000			2222.290	3277.230	y2yo0205t, NGC1976-POS-1SW	UTC



# SSA queries in CASSIS

Example of a multi selection. Note : can change colours by clicking on the colour in InfoPanel



# SSA queries in CASSIS

Example of a query with optional parameters.

Note: bug on window appearance has been reported and will be fixed asap.

Simple Spectral Access (SSA)

Registry & Services select... Registry: h Query

- International Ultravi
- IUE highly processe
- Kurucz ODFNEW /N
- MAGIC Spectrum Se
- Mining the HEAVENS
- OMC: The INTEGRAL

Deselect all

Request

Global Parameters

Object name:  Resolve

RA:  DEC:

SIZE:

BAND:

TIME:

FORMAT: none

Optional Parameters

Use	Name	Value
<input type="checkbox"/>	logg	
<input checked="" type="checkbox"/>	logg_max	1.00
<input checked="" type="checkbox"/>	logg_min	1.00
<input type="checkbox"/>	meta	
<input checked="" type="checkbox"/>	meta_max	-2.00
<input checked="" type="checkbox"/>	meta_min	-2.00
<input type="checkbox"/>	SCALEQ	
<input type="checkbox"/>	Spectrum	
<input type="checkbox"/>	teff	
<input checked="" type="checkbox"/>	teff_max	6000
<input checked="" type="checkbox"/>	teff_min	5000
<input type="checkbox"/>	title	

Query

<SERVER>?REQUEST=queryData&logg\_max=1.00&logg\_min=1.00&meta\_max=-2.00&meta\_min=-2.00&teff\_max=6000&teff\_min=5000

Advanced Query

Results

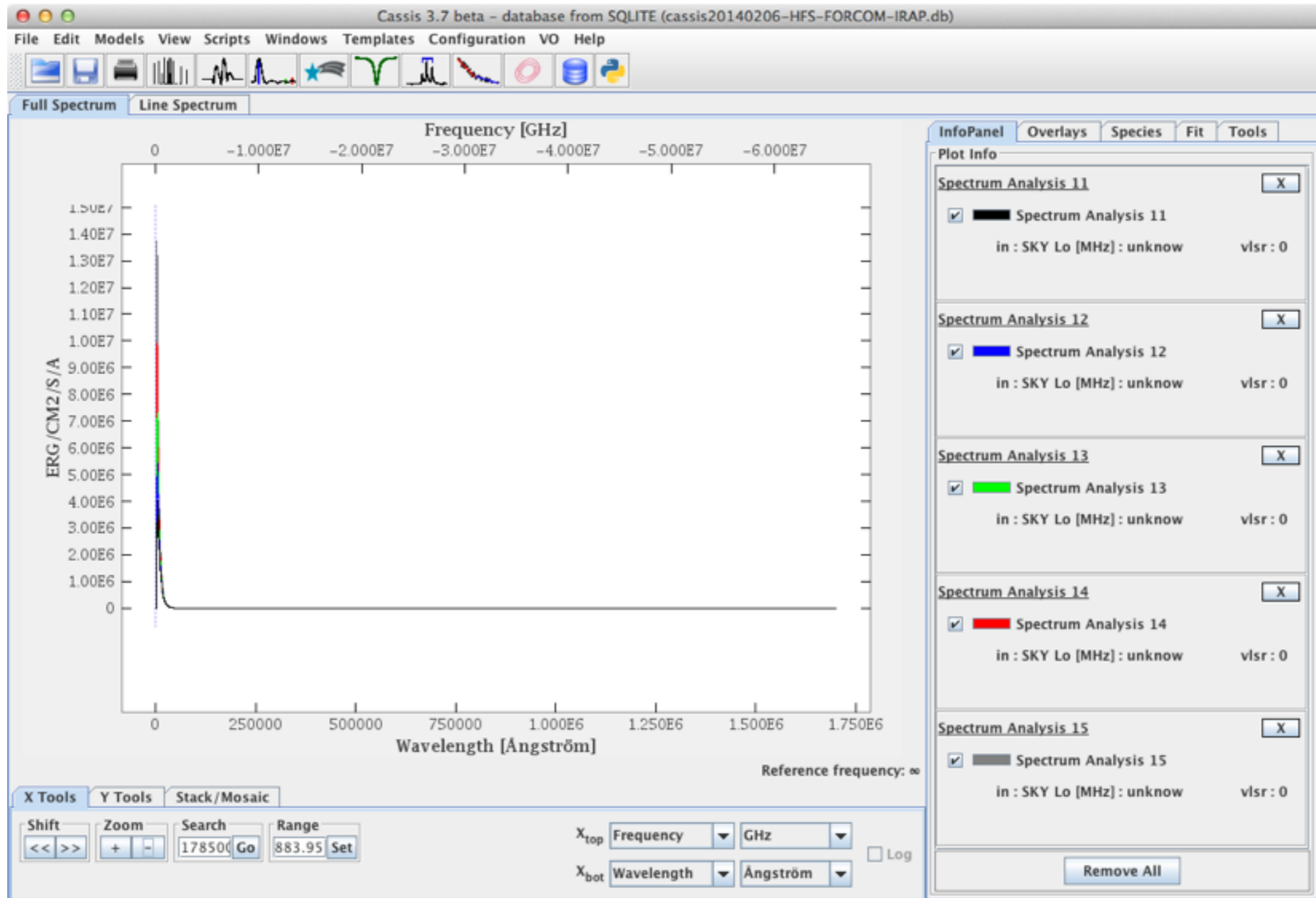
Kurucz

AXES	UNITS	DIMEQ	SCALEQ	format	Spectrum	
:1.00, meta:-2.00	WAVELENGTH FLUX	ANGSTROM ERG/CM2/S/A	L ML-1T-3	1E-10 1E+7	spectrum/votable	http://svo.cab.inta-csic.es/theory/db2vo/ssap.php?model=Kurucz&id=1031
:1.00, meta:-2.00	WAVELENGTH FLUX	ANGSTROM ERG/CM2/S/A	L ML-1T-3	1E-10 1E+7	spectrum/votable	http://svo.cab.inta-csic.es/theory/db2vo/ssap.php?model=Kurucz&id=1042
:1.00, meta:-2.00	WAVELENGTH FLUX	ANGSTROM ERG/CM2/S/A	L ML-1T-3	1E-10 1E+7	spectrum/votable	http://svo.cab.inta-csic.es/theory/db2vo/ssap.php?model=Kurucz&id=1053
:1.00, meta:-2.00	WAVELENGTH FLUX	ANGSTROM ERG/CM2/S/A	L ML-1T-3	1E-10 1E+7	spectrum/votable	http://svo.cab.inta-csic.es/theory/db2vo/ssap.php?model=Kurucz&id=1064
:1.00, meta:-2.00	WAVELENGTH FLUX	ANGSTROM ERG/CM2/S/A	L ML-1T-3	1E-10 1E+7	spectrum/votable	http://svo.cab.inta-csic.es/theory/db2vo/ssap.php?model=Kurucz&id=1075

Deselect all Download selected Download all Display selected Display all Open with... Clear results

# SSA queries in CASSIS

Example of a query with optional parameters.



# SSA queries in CASSIS

Example of a query with optional parameters.

