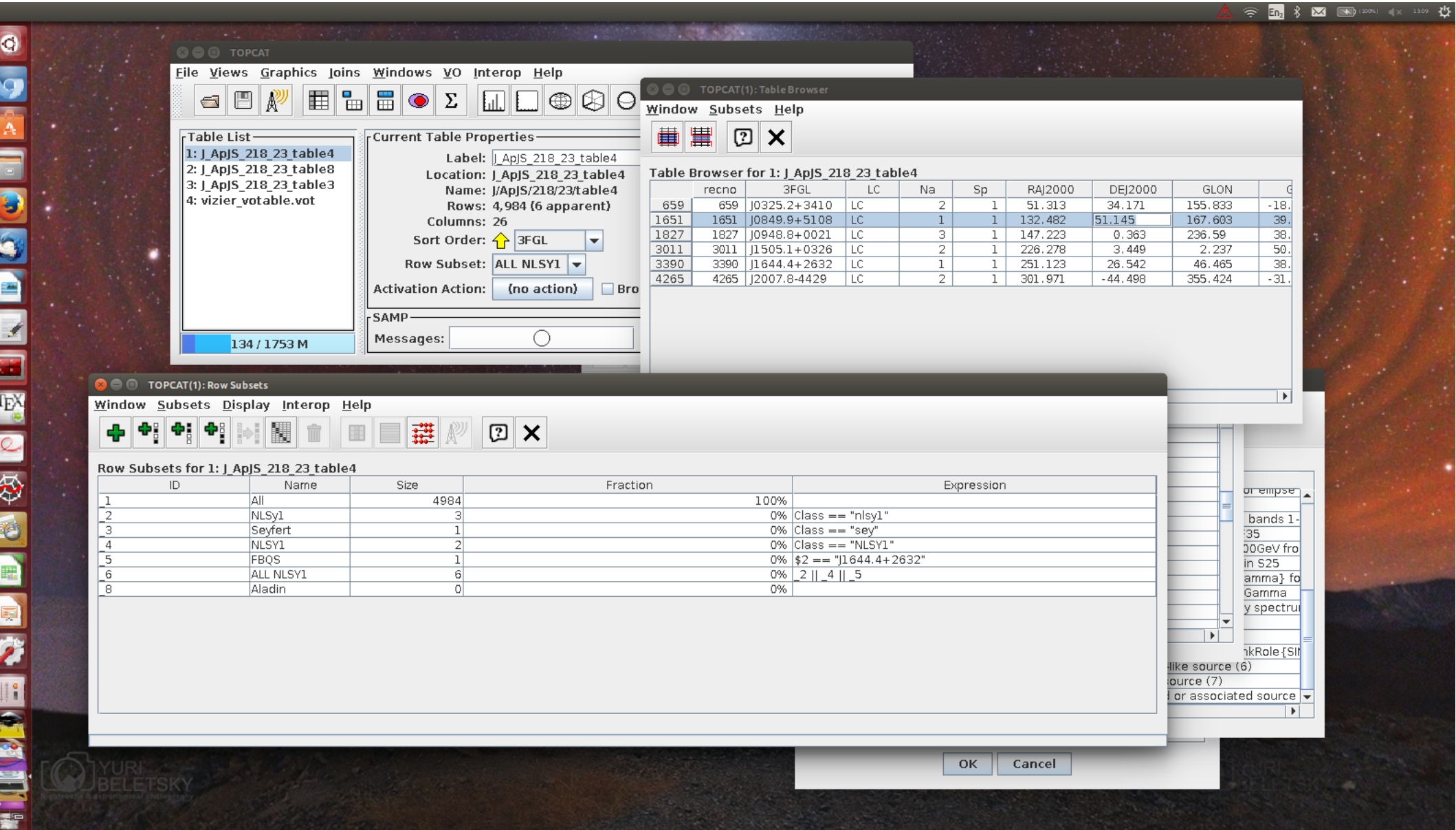
APPLYING THE VO TO EXGAL SOURCES

TOPCAT:

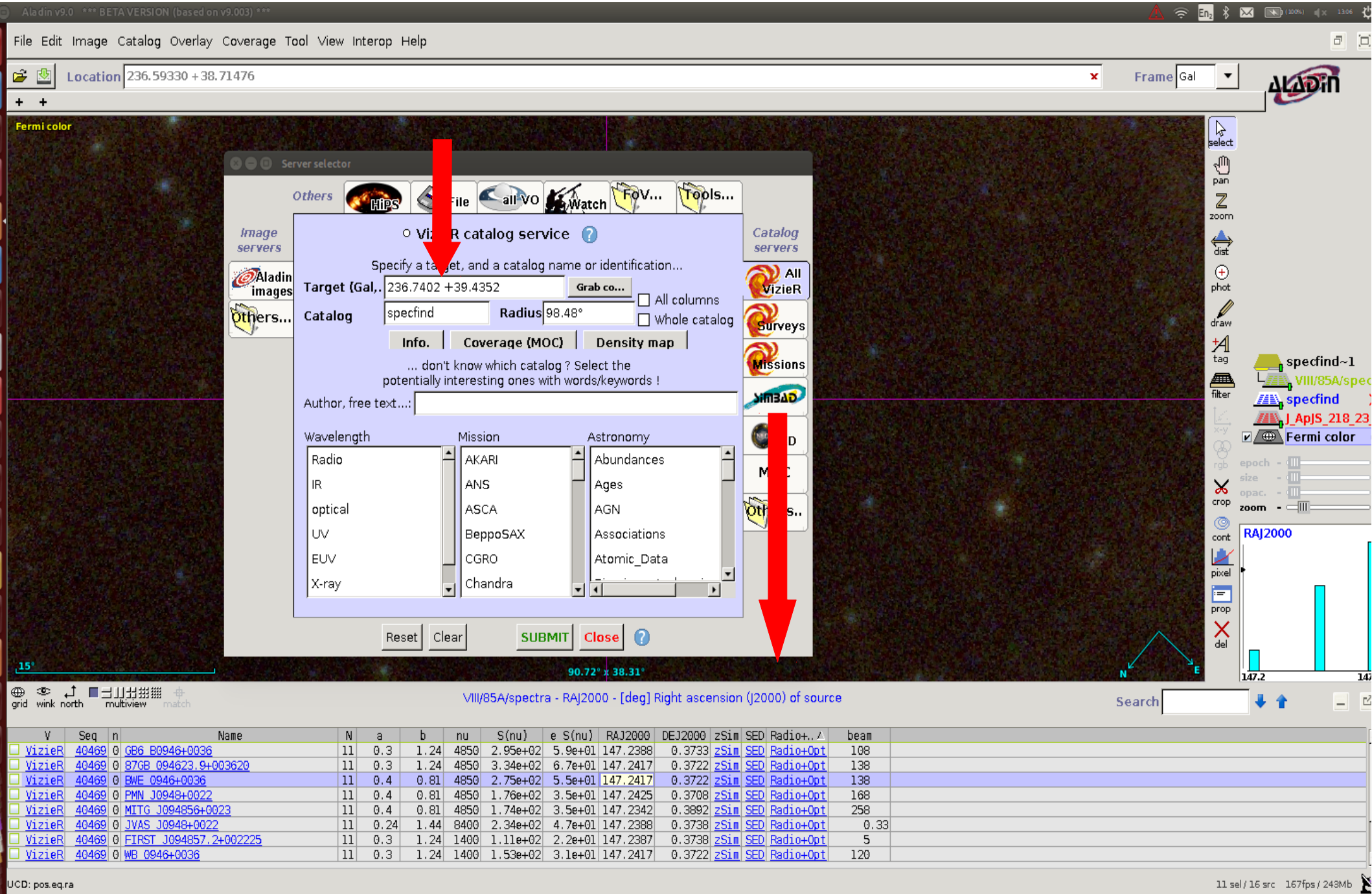
GET SUBSET FROM 3FGL FERMI CATALOGUE

+

BROADCAST SUBSET TO ALADIN



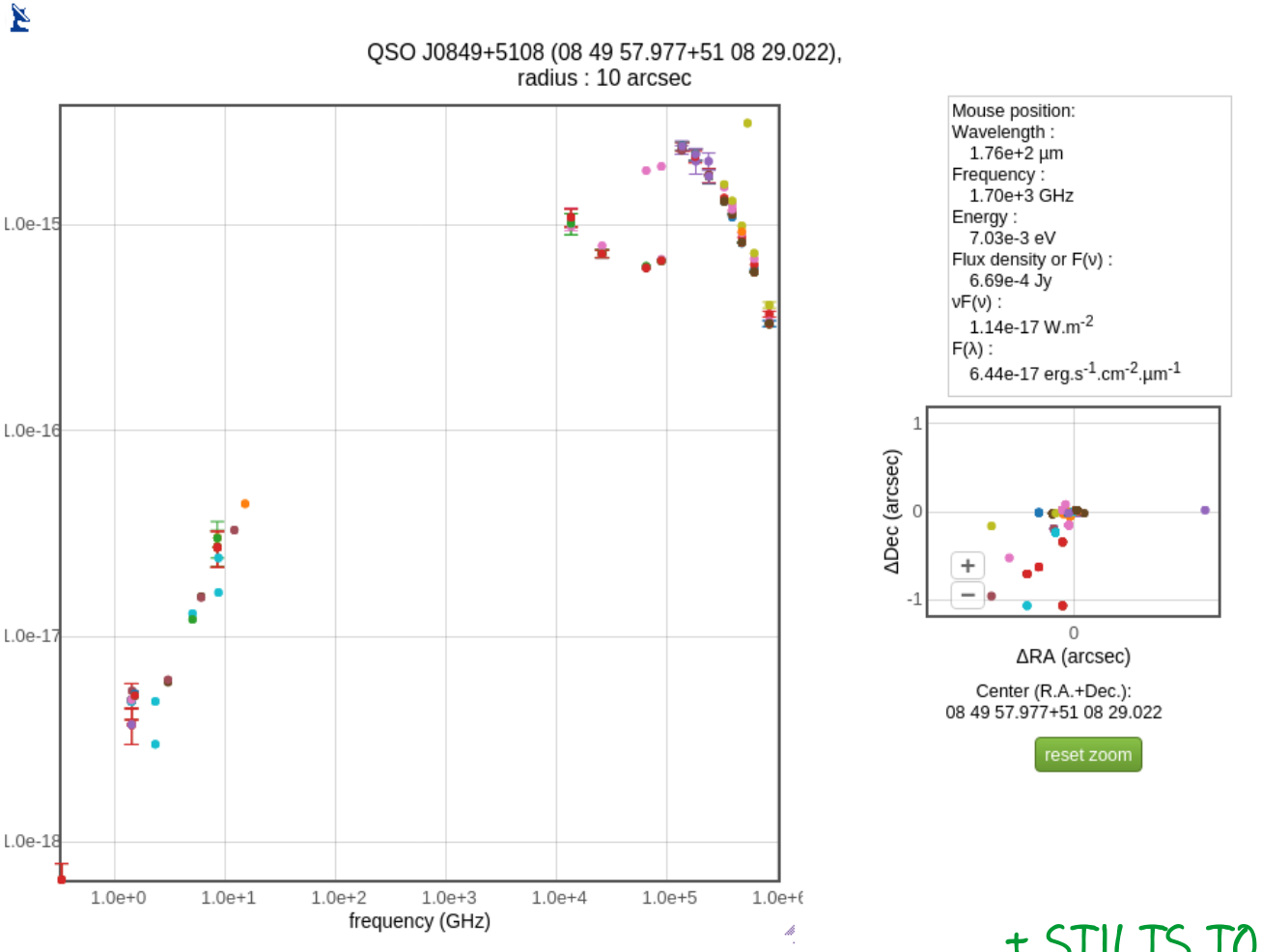
ALADIN: OBTAIN RADIO SED (SPECFIND)



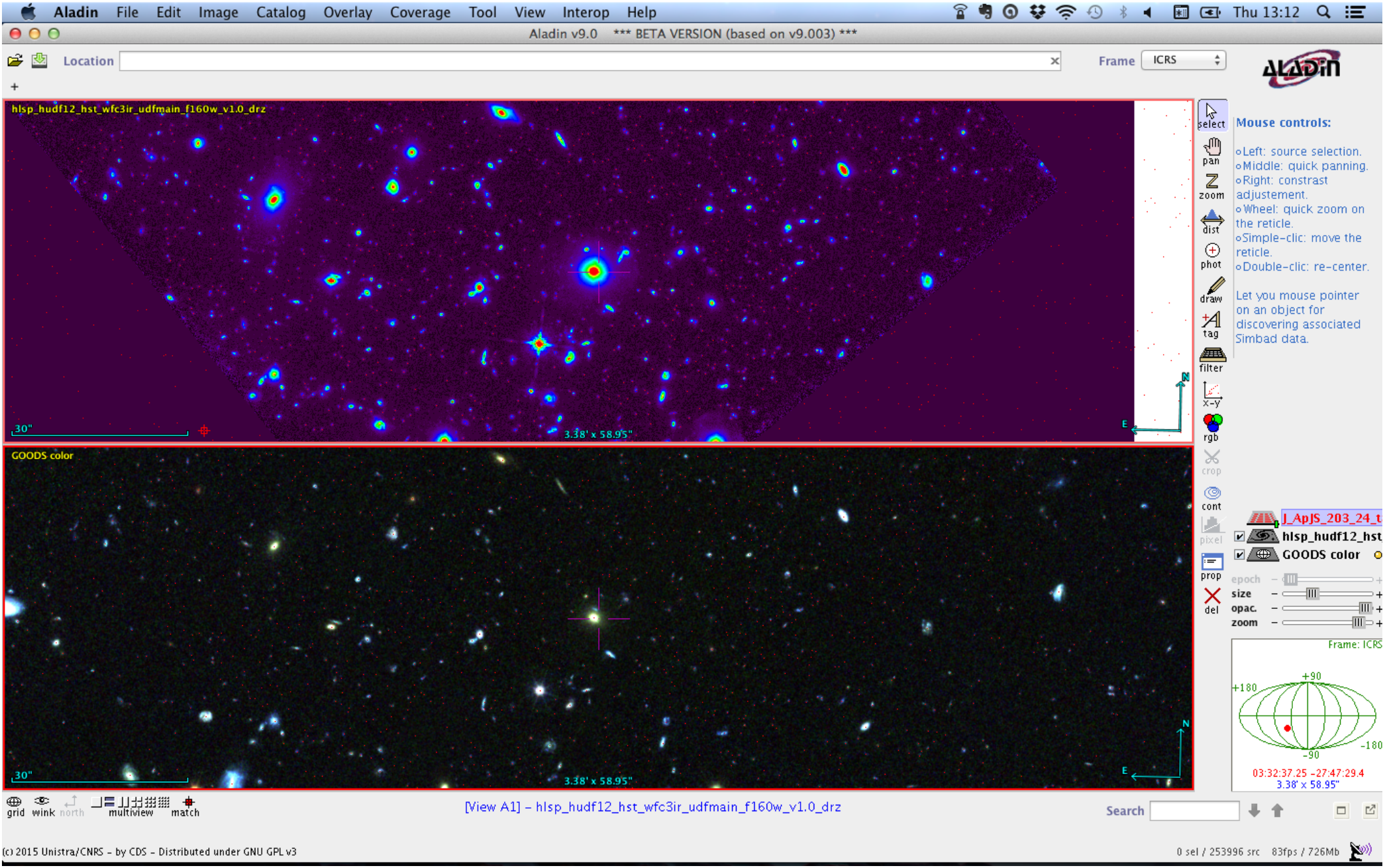
V	Seq	n	Name	N	a	b	nu	S(nu)	e S(nu)	RAJ2000	DEJ2000	zSim	SED	Radio+..	beam
VizieR	40469	0	GB6 B0946+0036	11	0.3	1.24	4850	2.95e+02	5.9e+01	147.2388	0.3733	zSim	SED	Radio+Opt	108
VizieR	40469	0	87GB 094623.9+003620	11	0.3	1.24	4850	3.34e+02	6.7e+01	147.2417	0.3722	zSim	SED	Radio+Opt	138
VizieR	40469	0	BWE 0946+0036	11	0.4	0.81	4850	2.75e+02	5.5e+01	147.2417	0.3722	zSim	SED	Radio+Opt	138
VizieR	40469	0	PMN J0948+0022	11	0.4	0.81	4850	1.76e+02	3.5e+01	147.2425	0.3708	zSim	SED	Radio+Opt	168
VizieR	40469	0	MITG J094856+0023	11	0.4	0.81	4850	1.74e+02	3.5e+01	147.2342	0.3892	zSim	SED	Radio+Opt	258
VizieR	40469	0	JVAS J0948+0022	11	0.24	1.44	8400	2.34e+02	4.7e+01	147.2388	0.3738	zSim	SED	Radio+Opt	0.33
VizieR	40469	0	FIRST J094857.2+002225	11	0.3	1.24	1400	1.11e+02	2.2e+01	147.2387	0.3738	zSim	SED	Radio+Opt	5
VizieR	40469	0	WB 0946+0036	11	0.3	1.24	1400	1.53e+02	3.1e+01	147.2417	0.3722	zSim	SED	Radio+Opt	120

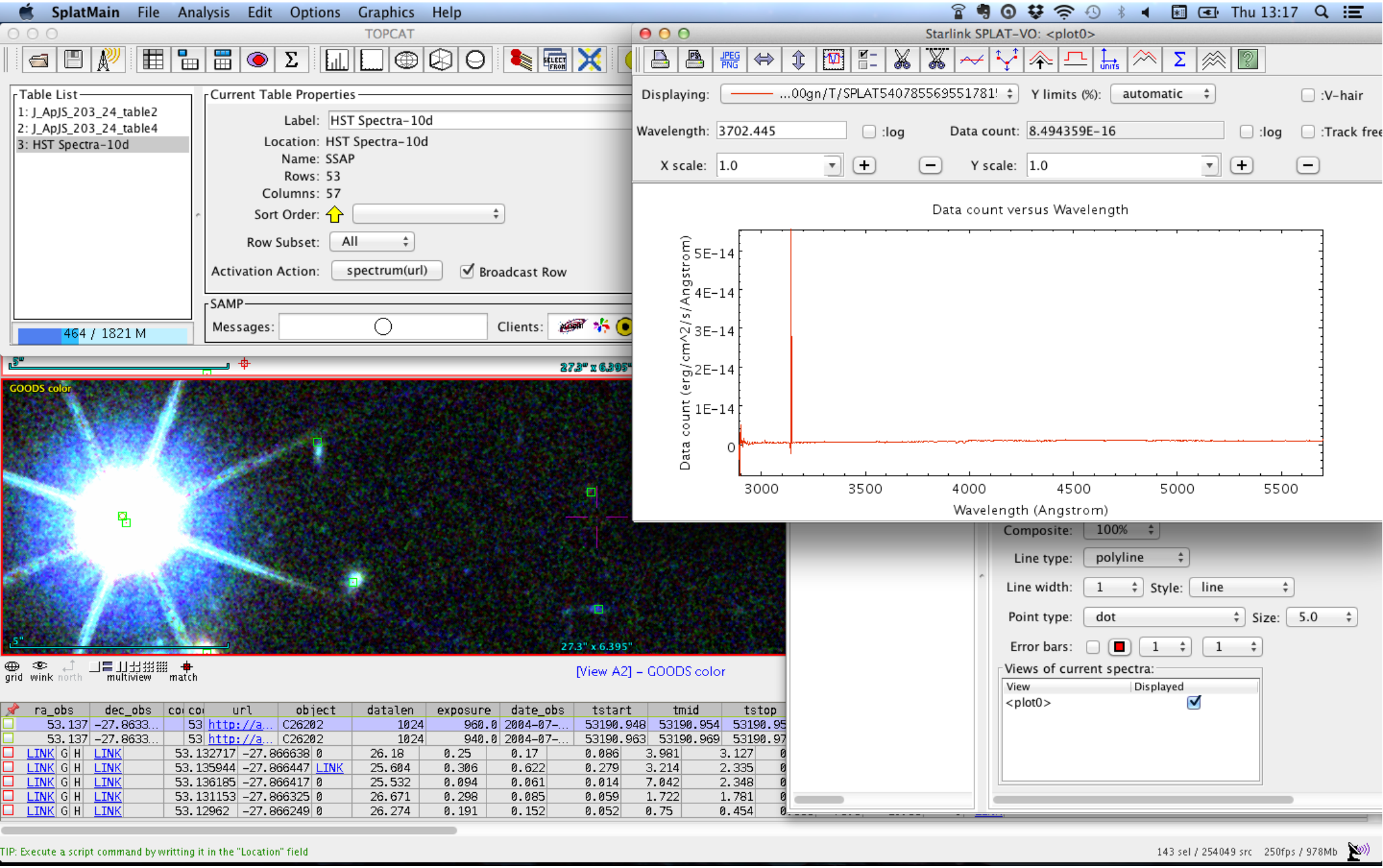
VIZIER PHOTOMETRY:

MWL SED
+
DOWNLOAD EXISTING DATA POINTS FOR FURTHER COMPARISON (VOTABLE)



+ STILTS TO CONVERT DATA FORMAT!


Aladin File Edit Image Catalog Overlay Coverage Tool View Interop Help
Thu 13:12
Aladin v9.0 *** BETA VERSION (based on v9.003) ***
Location
Frame ICRS
hlsp_hudf12_hst_wfc3ir_udfmain_f160w_v1.0_drz
30"
3.38' x 58.95"
GOODS color
30"
3.38' x 58.95"
select
pan
zoom
dist
phot
draw
tag
filter
x-y
rgb
crop
cont
pixel
prop
del
Mouse controls:
Left: source selection.
Middle: quick panning.
Right: constrast adjustement.
Wheel: quick zoom on the reticle.
Simple-clic: move the reticle.
Double-clic: re-center.
Let you mouse pointer on an object for discovering associated Simbad data.
J_ApJS_203_24_t
hlsp_hudf12_hst
GOODS color
epoch
size
opac.
zoom
Frame: ICRS
+90
+180
-180
-90
03:32:37.25 -27:47:29.4
3.38' x 58.95"
grid
wink
north
multiview
match
[View A1] – hlsp_hudf12_hst_wfc3ir_udfmain_f160w_v1.0_drz
Search
(c) 2015 Unistra/CNRS - by CDS - Distributed under GNU GPL v3
0 sel / 253996 src 83fps / 726Mb


SplatMain File Analysis Edit Options Graphics Help
Thu 13:17
TOPCAT
Table List
1: J_ApJS_203_24_table2
2: J_ApJS_203_24_table4
3: HST Spectra-10d
464 / 1821 M
Current Table Properties
Label: HST Spectra-10d
Location: HST Spectra-10d
Name: SSAP
Rows: 53
Columns: 57
Sort Order:
Row Subset: All
Activation Action: spectrum(url)
Broadcast Row
SAMP
Messages:
Clients:
Starlink SPLAT-VO: <plot0>
Displaying: ...00gn/T/SPLAT540785569551781!
Y limits (%): automatic
:V-hair
Wavelength: 3702.445
:log
Data count: 8.494359E-16
:log
:Track free
X scale: 1.0
Y scale: 1.0
Data count versus Wavelength
Data count (erg/cm^2/s/Angstrom)
5E-14
4E-14
3E-14
2E-14
1E-14
0
3000
3500
4000
4500
5000
5500
Wavelength (Angstrom)
GOODS color
27.3" x 6.395"
grid wink north multiview match
[View A2] - GOODS color
Composite: 100%
Line type: polyline
Line width: 1 Style: line
Point type: dot Size: 5.0
Error bars: 1 1
Views of current spectra:
View Displayed
<plot0>
ra_obs dec_obs url object datalen exposure date_obs tstart tmid tstop
53.137 -27.8633... http://a... C26202 1024 960.0 2004-07-... 53190.948 53190.954 53190.95
53.137 -27.8633... http://a... C26202 1024 940.0 2004-07-... 53190.963 53190.969 53190.97
LINK G H LINK 53.132717 -27.866638 0 26.18 0.25 0.17 0.086 3.981 3.127 0
LINK G H LINK 53.135944 -27.866447 LINK 25.604 0.306 0.622 0.279 3.214 2.335 0
LINK G H LINK 53.136185 -27.866417 0 25.532 0.094 0.061 0.014 7.042 2.348 0
LINK G H LINK 53.131153 -27.866325 0 26.671 0.298 0.085 0.059 1.722 1.781 0
LINK G H LINK 53.12962 -27.866249 0 26.274 0.191 0.152 0.052 0.75 0.454 0
TIP: Execute a script command by writting it in the "Location" field
143 sel / 254049 src 250fps / 978Mb

OUR NEEDS/FEEDBACK:

LACK OF SPECTRAL FITTING FOR GALAXIES!

NOT JUST VIEWING THE SED, BUT OBTAINING A QUICK FIT + PARAMETERS