Large Synoptic Survey Telescope Catalogue Contribution of the CDS

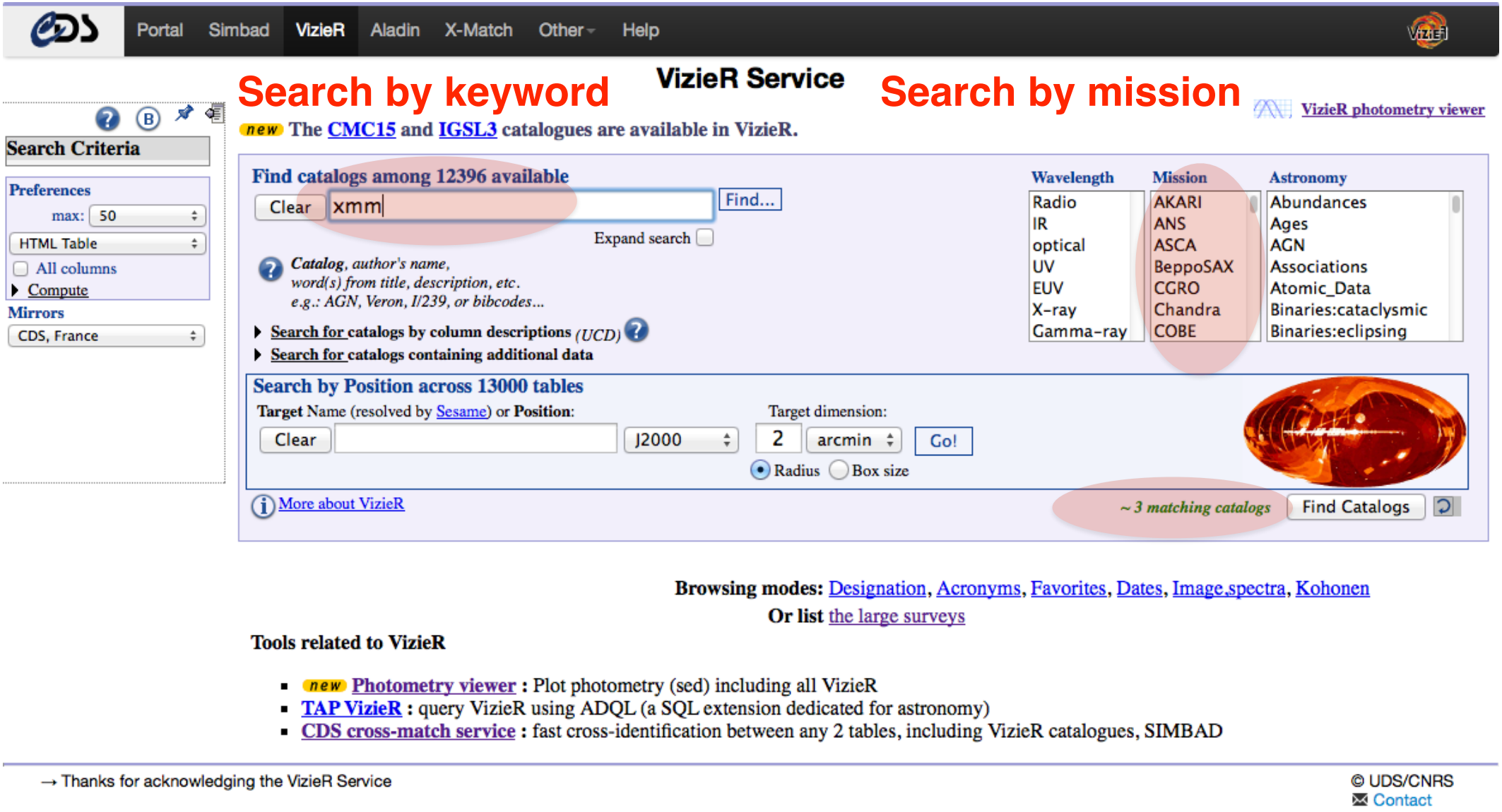
Ada Nebot
Thomas Boch
Pierre Ocvirk
François Ochsenbein
Pierre Fernique
Françoise Genova
CDS, Strasbourg

Paris, 10-11 June 2014

VizieR

- One of the major tools of the CDS
- Access to > 12 000 catalogues and tables published in journals
  - Description of content is standardized
  - Queries can be done on metadata (e.g. “which catalogue contains magnitude K?”)
  - VO-compatible
- 450 000 queries per day - excellent visibility, 7 mirrors
- Big data surveys (GUMS with > 2 billion stars)
- > 1000 catalogues / year in the database
- LSST final database size ~ 15 PB

VizieR


Portal
Simbad
VizieR
Aladin
X-Match
Other
Help
Search by keyword
VizieR Service
Search by mission
VizieR photometry viewer
new The CMC15 and IGSL3 catalogues are available in VizieR.
Search Criteria
Preferences
max: 50
HTML Table
All columns
Compute
Mirrors
CDS, France
Find catalogs among 12396 available
Clear
xmm
Find...
Expand search
Catalog, author's name,
word(s) from title, description, etc.
e.g.: AGN, Veron, I/239, or bibcodes...
Search for catalogs by column descriptions (UCD)
Search for catalogs containing additional data
Wavelength
Radio
IR
optical
UV
EUV
X-ray
Gamma-ray
Mission
AKARI
ANS
ASCA
BeppoSAX
CGRO
Chandra
COBE
Astronomy
Abundances
Ages
AGN
Associations
Atomic_Data
Binaries:cataclysmic
Binaries:eclipsing
Search by Position across 13000 tables
Target Name (resolved by Sesame) or Position:
Clear
J2000
Target dimension:
2
arcmin
Go!
Radius
Box size
More about VizieR
~ 3 matching catalogs
Find Catalogs
Browsing modes: Designation, Acronyms, Favorites, Dates, Image,spectra, Kohonen
Or list the large surveys
Tools related to VizieR
new Photometry viewer : Plot photometry (sed) including all VizieR
TAP VizieR : query VizieR using ADQL (a SQL extension dedicated for astronomy)
CDS cross-match service : fast cross-identification between any 2 tables, including VizieR catalogues, SIMBAD
→ Thanks for acknowledging the VizieR Service
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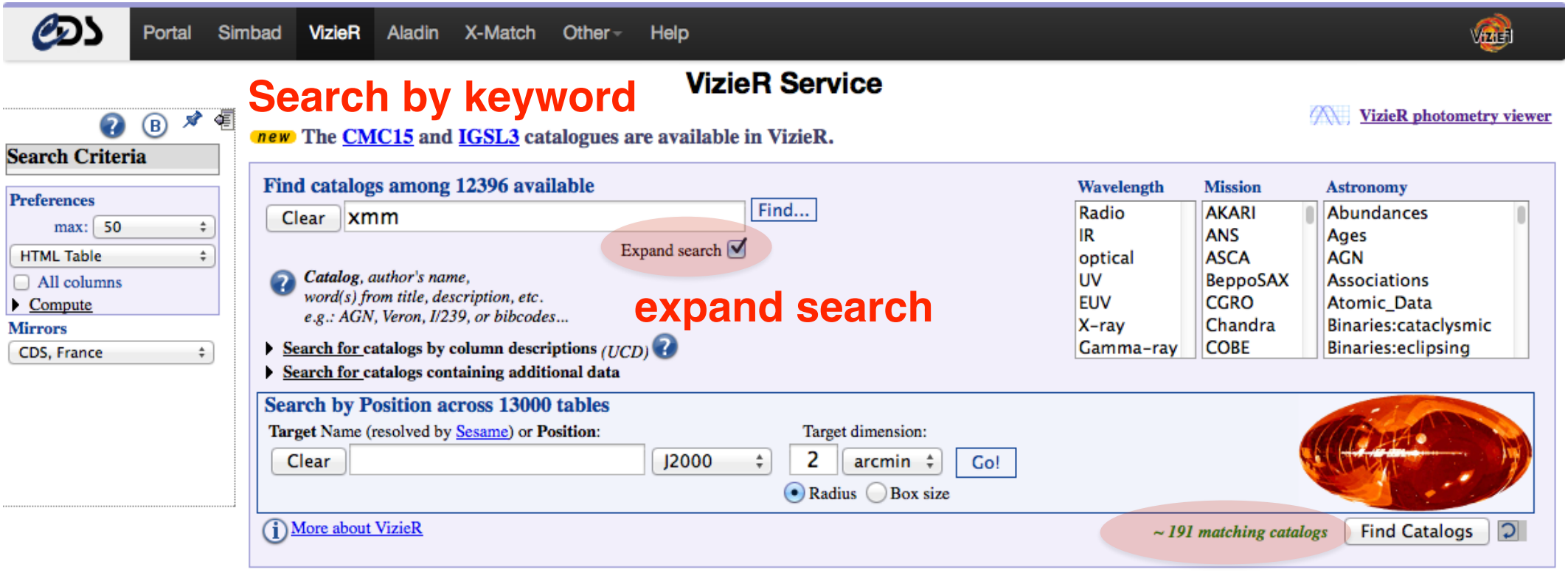
Contact

VizieR



Browsing modes: Designation, Acronyms, Favorites, Dates, Image,spectra, Kohonen
Or list the large surveys

Tools related to VizieR

- new **Photometry viewer** : Plot photometry (sed) including all VizieR
- **TAP VizieR** : query VizieR using ADQL (a SQL extension dedicated for astronomy)
- **CDS cross-match service** : fast cross-identification between any 2 tables, including VizieR catalogues, SIMBAD

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Contact

VizieR

list of catalogues and tables available

Portal | Simbad | VizieR | Aladin | X-Match | Other | Help

Catalog Selection Page

Search Criteria

Keywords
- xmm

Tables — Add

..xmm1cros
IX/41
..xmm2ir3s
B/xmm
..xmmlog

Enlarge

Preferences
max: 50
HTML Table
All columns
Compute

Mirrors
CDS, France

new The CMC15 and IGSL3 catalogues are available in VizieR.

5 catalogs found

IX/37	XMM-Newton Serendipitous Source Catalogue (1XMM) (XMM-SSC, 2003) Detailed description and explanations are available in the User Guide of the **1XMM** Catalogue	ReadMe+ftp Similar Catalogs
IX/37/xmm1src	(c)Sources detected in the EPIC images – see also the 1XMM Public SSC Interface at Strasbourg *(56711 rows)*	
IX/37/xmm1obs	Details of observations and processing *(585 rows)*	
IX/37/xmm1cros	Cross-correlations of XMM sources *(193258 rows)*	
IX/41	XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010) Detailed description and explanations are available in the User Guide of the **2XMMi-DR3 Catalogue**	ReadMe+ftp Similar Catalogs
IX/41/xmm2ir3s	(c)The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*	
B/xmm	XMM-Newton Observation Log (XMM-Newton Science Operation Center, 2012)	ReadMe+ftp image/fits Similar Catalogs 2002yCat....102009X
B/xmm/xmmlog	(c)The XMM-Newton Observation log (2014-06-02) *(10988 rows)*	
IX/39	The XMM-Newton 2nd Serendipitous Source Catalogue (2XMM) (XMM-SSC, 2007) This catalogue is obsoleted by IX/40	ReadMe+ftp Similar Catalogs
IX/39/xmm2slim	(c)The 2XMM catalog, "slim" version – see also the 2XMM Public SSC Interface at Strasbourg *(191870 rows)*	
IX/40	The XMM-Newton 2nd Incremental Source Catalogue (2XMMi) (XMM-SSC, 2008) This catalogue is obsoleted by IX/41	ReadMe+ftp Similar Catalogs
IX/40/xmm2is	(c)The 2XMMi catalog, "slim" version *(221012 rows)*	

ALL — Reset All — Query selected Tables — Join selected Tables

(c) indicates tables which contain celestial coordinates

→ Thanks for acknowledging the VizieR Service

VizieR

Portal Simbad VizieR Aladin X-Match Other Help

Catalog Selection Page

source density maps

Search Criteria

Keywords
- xmm

Tables Add
..xmm1cros
IX/41
..xmm2ir3s
B/xmm
..xmmlog
Enlarge

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max: 50
HTML Table
All columns
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Mirrors
CDS, France

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☐	IX/37/xmm1obs	Details of observations and processing *(585 rows)*	
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☐	IX/41/xmm2ir3s	(c)The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*	
	B/xmm	XMM-Newton Observation Log (XMM-Newton Science Operation Center, 2012)	ReadMe+ftp image/fits Similar Catalogs 2002yCat....102009X
☐	B/xmm/xmmlog	(c)The XMM-Newton Observation log (2014-06-02) *(10988 rows)*	
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☐	IX/39/xmm2slim	(c)The 2XMM catalog, "slim" version – see also the 2XMM Public SSC Interface at Strasbourg *(191870 rows)*	
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☐ ALL Reset All Query selected Tables Join selected Tables

(c) indicates tables which contain celestial coordinates

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Contact

VizieR

Portal Simbad VizieR Aladin X-Match Other Help

VizieR Search Page

Search Criteria

Save in CDSportal

Keywords Back

- IX/41/xmm2ir3s

Tables Add

IX/41
..xmm2ir3s

Choose

Preferences

max: 50

HTML Table

All columns

Compute

Distance ϱ
Position angle θ
Distance (x,y)
Galactic
J2000
B1950
Ecl. J2000
default

Sort by Distance
+ order -
No sort

Position in:

Sexagesimal
Decimal °

Simple Target | List Of Targets

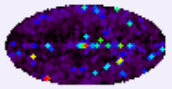
Fast Xmatch with large catalogs or Simbad

Target Name (resolved by Sesame) or **Position**: Clear J2000 Target dimension: 2 arcmin Radius Box size

IX/41

XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010)
Detailed description and explanations are available in the User Guide of the **2XMMi-DR3 Catalogue**
Post annotation

ReadMe+ftp
Similar Catalogs



1.IX/41/xmm2ir3s The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*

Simple Constraint | List Of Constraints

Submit Reset All

Query by Constraints applied on Columns *(Output Order:* + - *)*

Show	*Sort*	*Column*	Clear *Constraint*		*Explain (UCD)*
☐	○	Source			[1,263230] (SRCID) Unique source index (meta.id)
☑	○	2XMMi		(char)	(IAUNAME) Unique source name *(Note 8)* (meta.id;meta.main)
☑	○	RAJ2000		deg	(SC_RA) Mean source right ascension (ICRS) (pos.eq.ra;meta.main)
☑	○	DEJ2000		deg	(SC_DEC) Mean source declination (ICRS) (pos.eq.dec;meta.main)
☐	○	ePos		arcsec	(SC_POSERR) Mean error on position (stat.error)
☑	○	srcML			(SC_DET_ML) Source detection likelihood (Sources with likelihood<8 may be spurious) *(Note 2)* (stat.likelihood;instr.saturation)
☐	○	Flux1		mW/m2	(SC_EP_1_FLUX) Mean flux in 0.2-0.5keV band (phot.flux;em.X-ray)
☐	○	e_Flux1		mW/m2	(SC_EP_1_FLUX_ERR) Mean error on Flux1 (stat.error)
☐	○	Flux2		mW/m2	(SC_EP_2_FLUX) Mean flux in 0.5-1.0keV band (phot.flux;em.X-ray)

VizieR

query on columns or in combinations of columns

Portal Simbad VizieR Aladin X-Match Other Help

VizieR Search Page

Search Criteria

Save in CDSportal

Keywords Back

- IX/41/xmm2ir3s

Tables Add

IX/41
..xmm2ir3s

Choose

Preferences

max: 50

HTML Table

All columns

Compute

Distance ϱ
Position angle θ
Distance (x,y)
Galactic
J2000
B1950
Ecl. J2000
default

Sort by Distance
+ order -
No sort

Position in:

Sexagesimal
Decimal °

Simple Target | List Of Targets

Fast Xmatch with large catalogs or Simbad

Target Name (resolved by Sesame) or **Position**:

Clear | J2000 | Target dimension: 2 arcmin

Radius Box size

IX/41

XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010)
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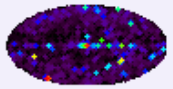
Post annotation

ReadMe+ftp
Similar Catalogs



1.IX/41/xmm2ir3s The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*

Simple Constraint | List Of Constraints

Submit Reset All

Query by Constraints applied on Columns *(Output Order:* + - *)*

Show	*Sort*	*Column*	Clear	*Constraint*		*Explain* *(UCD)*
☐	○	Source				[1,263230] (SRCID) Unique source index (meta.id)
☑	○	2XMMi			(char)	(IAUNAME) Unique source name *(Note 8)* (meta.id;meta.main)
☑	○	RAJ2000			deg	(SC_RA) Mean source right ascension (ICRS) (pos.eq.ra;meta.main)
☑	○	DEJ2000			deg	(SC_DEC) Mean source declination (ICRS) (pos.eq.dec;meta.main)
☐	○	ePos			arcsec	(SC_POSERR) Mean error on position (stat.error)
☑	○	srcML				(SC_DET_ML) Source detection likelihood (Sources with likelihood<8 may be spurious) *(Note 2)* (stat.likelihood;instr.saturation)
☐	○	Flux1			mW/m2	(SC_EP_1_FLUX) Mean flux in 0.2-0.5keV band (phot.flux;em.X-ray)
☐	○	e_Flux1			mW/m2	(SC_EP_1_FLUX_ERR) Mean error on Flux1 (stat.error)
☐	○	Flux2			mW/m2	(SC_EP_2_FLUX) Mean flux in 0.5-1.0keV band (phot.flux;em.X-ray)

VizieR

Portal | Simbad | VizieR | Aladin | X-Match | Other | Help

VizieR Result Page

Send to VO tools

Search Criteria

Save in CDSportal

Keywords — Back

- IX/41

Tables — Add

IX/41
..xmm2ir3s

Choose

Constraints

Modify Query

Preferences

max: 50

HTML Table

All columns

Compute

Submit

Mirrors

CDS, France

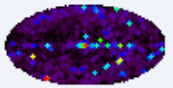
- Show the target form
- Show constraint information

The 2 columns in *color* are computed by VizieR, and are *not part of the original data*.

IX/41/xmm2ir3s XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010) — ReadMe+ftp

Post annotation

The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*



start AladinLite

Full	2XMMi	RAJ2000 deg	DEJ2000 deg	srcML	Flux8 mW/m2	e_ (...)	HR1	HR2	HR3	HR4	ext arcsec	V	S	Nd	f1	xcatDB	LEDAS
1	2XMM J000000.2-250631	000.0012	-25.1088	8.93e+00	5.4921e-15	3.24e-15	0.930	-0.360	0.018	-0.606	0.0	0	0	1	1	xcatDB	LEDAS
2	2XMM J000000.9-321353	000.0041	-32.2315	1.01e+01	6.2016e-15	3.73e-15	0.361	-0.284	-0.418	0.621	0.0	0	1	1	1	xcatDB	LEDAS
3	2XMM J000001.1-251022	000.0049	-25.1730	1.04e+01	9.0374e-15	5.57e-15	0.161	0.536	-0.346	-0.734	0.0	0	0	1	1	xcatDB	LEDAS
4	2XMM J000001.5-321311	000.0065	-32.2199	3.19e+02	1.5689e-14	1.99e-15	-0.038	-0.047	-0.338	-0.864	0.0	0	0	1	1	xcatDB	LEDAS
5	2XMM J000001.6-251706	000.0069	-25.2852	2.65e+01	1.4785e-14	1.44e-14	0.113	-0.196	0.087	-1.000	0.0	0	0	1	1	xcatDB	LEDAS
6	2XMM J000002.2-245944	000.0096	-24.9956	8.52e+00	3.8598e-15	5.20e-15	-0.104	0.359	-0.348	-0.873	0.0	0	0	1	1	xcatDB	LEDAS
7	2XMM J000002.6-321530	000.0110	-32.2586	3.24e+02	2.2391e-14	4.85e-15	0.011	-0.081	-0.486	-0.311	0.0	0	1	1	1	xcatDB	LEDAS
8	2XMM J000002.6-322201	000.0110	-32.3670	2.47e+01	6.3579e-14	7.25e-14	0.598	-0.706	-1.000	1.000	31.6	0	4	1	1	xcatDB	LEDAS
9	2XMM J000002.7-251136	000.0113	-25.1936	3.26e+02	6.6736e-14	1.17e-14	0.118	0.036	-0.238	-0.353	0.0	0	0	1	1	xcatDB	LEDAS
10	2XMM J000003.1-321404	000.0132	-32.2346	4.17e+01	2.0825e-14	8.64e-15	0.429	0.138	0.005	-0.749	11.5	0	0	1	1	xcatDB	LEDAS
11	2XMM J000003.3-251550	000.0139	-25.2641	6.84e+00	6.1700e-15	1.08e-14	0.868	0.006	-0.873	0.694	0.0	0	0	1	1	xcatDB	LEDAS
12	2XMM J000003.3-251656	000.0142	-25.2823	9.81e+00	9.3033e-15	7.18e-15	0.450	-0.646	-0.551	0.895	0.0	0	0	1	1	xcatDB	LEDAS
13	2XMM J000003.3-250819	000.0142	-25.1388	4.40e+01	1.4694e-14	6.66e-15	0.121	-0.794	0.110	-0.134	0.0	0	0	1	1	xcatDB	LEDAS
14	2XMM J000003.7-320035	000.0154	-32.0099	3.33e+01	1.7884e-14	8.27e-15	0.164	0.671	-0.034	0.167	0.0	0	0	1	1	xcatDB	LEDAS
15	2XMM J000003.9-320001	000.0166	-32.0005	2.63e+01	9.6139e-15	5.47e-15	-0.185	0.033	-0.823	0.884	0.0	0	0	1	1	xcatDB	LEDAS
16	2XMM J000004.4-321445	000.0185	-32.2460	3.34e+01	5.2527e-15	2.99e-15	0.356	-0.354	0.100	-0.290	0.0	0	0	1	1	xcatDB	LEDAS
17	2XMM J000007.1-250258	000.0298	-25.0497	1.50e+02	1.4132e-14	3.10e-15	0.120	-0.324	-0.402	-0.971	0.0	0	0	1	1	xcatDB	LEDAS
18	2XMM J000007.3-320159	000.0308	-32.0333	1.64e+01	2.3055e-14	9.46e-15	0.251	0.291	0.531	-0.244	0.0	0	0	1	1	xcatDB	LEDAS
19	2XMM J000008.0-250718	000.0336	-25.1219	9.00e+01	2.0934e-14	5.50e-15	0.431	-0.129	-0.203	-0.172	0.0	0	0	1	1	xcatDB	LEDAS
20	2XMM J000008.2-320247	000.0343	-32.0464	2.55e+01	1.1849e-14	7.38e-15	0.015	0.171	-0.665	0.968	0.0	0	0	1	1	xcatDB	LEDAS
21	2XMM J000008.2-320730	000.0344	-32.1251	4.39e+01	1.0974e-14	4.53e-15	0.711	0.643	-0.251	-0.361	0.0	0	0	1	1	xcatDB	LEDAS
22	2XMM J000008.6-321035	000.0361	-32.1765	6.51e+00	1.8824e-15	1.63e-15	0.467	0.376	-0.867	0.558	0.0	0	0	1	1	xcatDB	LEDAS
23	2XMM J000009.8-251920	000.0412	-25.3224	7.39e+01	2.9028e-14	1.68e-14	0.318	-0.795	0.145	0.358	0.0	0	0	1	1	xcatDB	LEDAS

VizieR

Portal | Simbad | VizieR | Aladin | X-Match | Other | Help

VizieR Result Page

Send to VO tools

SAMP

Search Criteria

Save in CDSportal

Keywords Back

- IX/41

Tables Add

IX/41
..xmm2ir3s

Choose

Constraints

Modify Query

Preferences

max: 50

HTML Table

All columns

Compute

Submit

Mirrors

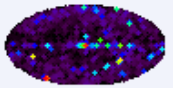
CDS, France

Show the target form
Show constraint information

The 2 columns in *color* are computed by VizieR, and are *not part of the original data*.

IX/41/xmm2ir3s XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010)
Post annotation
The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*

ReadMe+ftp



start AladinLite

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2	2XMM J000000.9-321353	000.0041	-32.2315	1.01e+01	6.2016e-15	3.73e-15	0.361	-0.284	-0.418	0.621	0.0	0	1	1	1	xcatDB	LEDAS
3	2XMM J000001.1-251022	000.0049	-25.1730	1.04e+01	9.0374e-15	5.57e-15	0.161	0.536	-0.346	-0.734	0.0	0	0	1	1	xcatDB	LEDAS
4	2XMM J000001.5-321311	000.0065	-32.2199	3.19e+02	1.5689e-14	1.99e-15	-0.038	-0.047	-0.338	-0.864	0.0	0	0	1	1	xcatDB	LEDAS
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6	2XMM J000002.2-245944	000.0096	-24.9956	8.52e+00	3.8598e-15	5.20e-15	-0.104	0.359	-0.348	-0.873	0.0	0	0	1	1	xcatDB	LEDAS
7	2XMM J000002.6-321530	000.0110	-32.2586	3.24e+02	2.2391e-14	4.85e-15	0.011	-0.081	-0.486	-0.311	0.0	0	1	1	1	xcatDB	LEDAS
8	2XMM J000002.6-322201	000.0110	-32.3670	2.47e+01	6.3579e-14	7.25e-14	0.598	-0.706	-1.000	1.000	31.6	0	4	1	1	xcatDB	LEDAS
9	2XMM J000002.7-251136	000.0113	-25.1936	3.26e+02	6.6736e-14	1.17e-14	0.118	0.036	-0.238	-0.353	0.0	0	0	1	1	xcatDB	LEDAS
10	2XMM J000003.1-321404	000.0132	-32.2346	4.17e+01	2.0825e-14	8.64e-15	0.429	0.138	0.005	-0.749	11.5	0	0	1	1	xcatDB	LEDAS
11	2XMM J000003.3-251550	000.0139	-25.2641	6.84e+00	6.1700e-15	1.08e-14	0.868	0.006	-0.873	0.694	0.0	0	0	1	1	xcatDB	LEDAS
12	2XMM J000003.3-251656	000.0142	-25.2823	9.81e+00	9.3033e-15	7.18e-15	0.450	-0.646	-0.551	0.895	0.0	0	0	1	1	xcatDB	LEDAS
13	2XMM J000003.3-250819	000.0142	-25.1388	4.40e+01	1.4694e-14	6.66e-15	0.121	-0.794	0.110	-0.134	0.0	0	0	1	1	xcatDB	LEDAS
14	2XMM J000003.7-320035	000.0154	-32.0099	3.33e+01	1.7884e-14	8.27e-15	0.164	0.671	-0.034	0.167	0.0	0	0	1	1	xcatDB	LEDAS
15	2XMM J000003.9-320001	000.0166	-32.0005	2.63e+01	9.6139e-15	5.47e-15	-0.185	0.033	-0.823	0.884	0.0	0	0	1	1	xcatDB	LEDAS
16	2XMM J000004.4-321445	000.0185	-32.2460	3.34e+01	5.2527e-15	2.99e-15	0.356	-0.354	0.100	-0.290	0.0	0	0	1	1	xcatDB	LEDAS
17	2XMM J000007.1-250258	000.0298	-25.0497	1.50e+02	1.4132e-14	3.10e-15	0.120	-0.324	-0.402	-0.971	0.0	0	0	1	1	xcatDB	LEDAS
18	2XMM J000007.3-320159	000.0308	-32.0333	1.64e+01	2.3055e-14	9.46e-15	0.251	0.291	0.531	-0.244	0.0	0	0	1	1	xcatDB	LEDAS
19	2XMM J000008.0-250718	000.0336	-25.1219	9.00e+01	2.0934e-14	5.50e-15	0.431	-0.129	-0.203	-0.172	0.0	0	0	1	1	xcatDB	LEDAS
20	2XMM J000008.2-320247	000.0343	-32.0464	2.55e+01	1.1849e-14	7.38e-15	0.015	0.171	-0.665	0.968	0.0	0	0	1	1	xcatDB	LEDAS
21	2XMM J000008.2-320730	000.0344	-32.1251	4.39e+01	1.0974e-14	4.53e-15	0.711	0.643	-0.251	-0.361	0.0	0	0	1	1	xcatDB	LEDAS
22	2XMM J000008.6-321035	000.0361	-32.1765	6.51e+00	1.8824e-15	1.63e-15	0.467	0.376	-0.867	0.558	0.0	0	0	1	1	xcatDB	LEDAS
23	2XMM J000009.8-251920	000.0412	-25.3224	7.39e+01	2.9028e-14	1.68e-14	0.318	-0.795	0.145	0.358	0.0	0	0	1	1	xcatDB	LEDAS

VizieR

Portal Simbad VizieR Aladin X-Match Other Help

VizieR Result Page

Send to VO tools

SAMP

Show the target form

TOPCAT

Table List

8: xmm2ir3s

268 / 2031 M

Current Table Properties

Label: xmm2ir3s

Location: VizieR:VizieR IX/41/xmm2ir3s

Name: VizieR IX/41/xmm2ir3s

Rows: 262,902

Columns: 19

Sort Order:

Row Subset: All

SAMP

Messages: Clients:

ReadMe+ftp

Compute

Submit

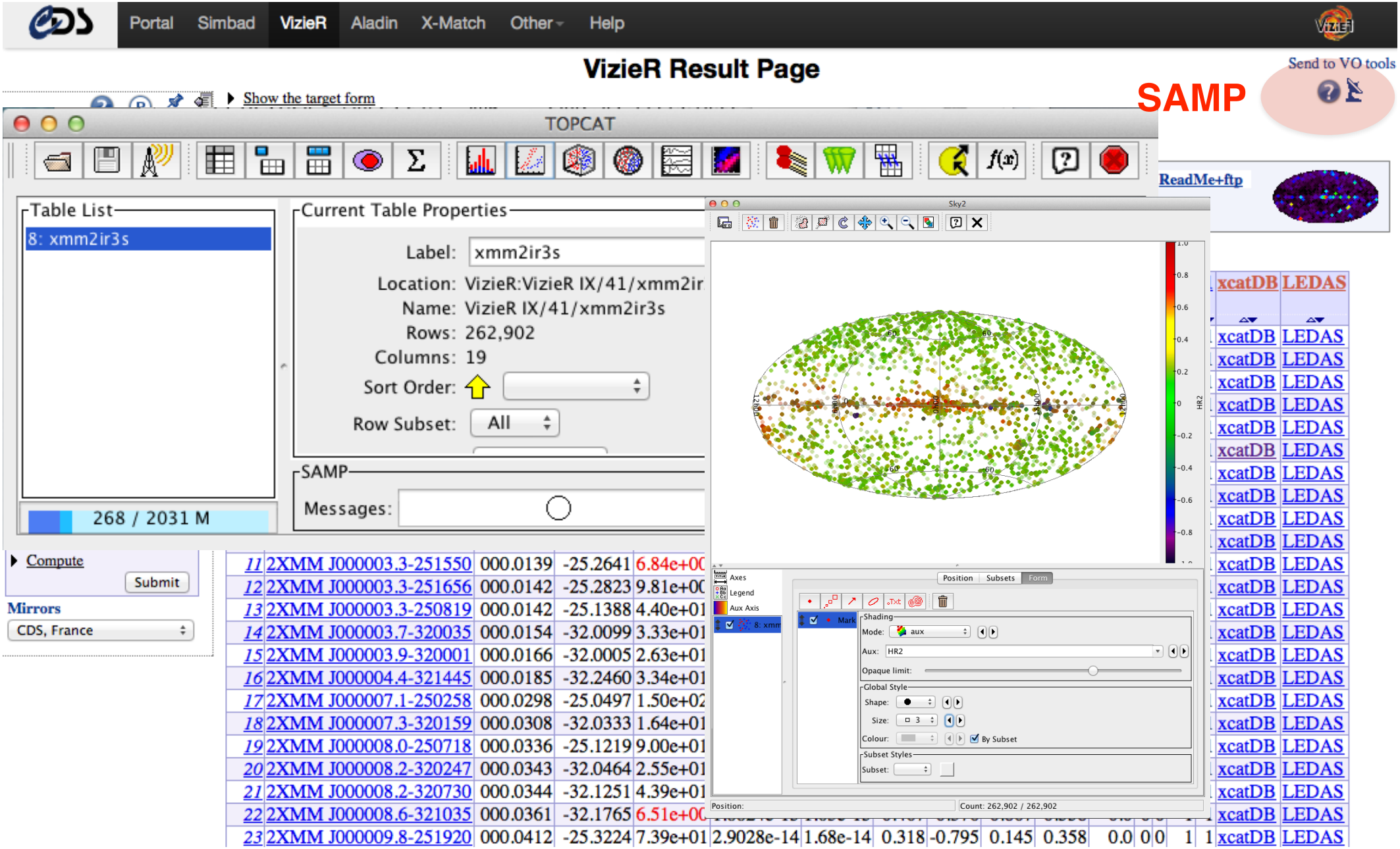
Mirrors

CDS, France

11	2XMM J000003.3-251550	000.0139	-25.2641	6.84e+00	6.1700e-15	1.08e-14	0.868	0.006	-0.873	0.694	0.0	0	0	1	1	xcatDB	LEDAS
12	2XMM J000003.3-251656	000.0142	-25.2823	9.81e+00	9.3033e-15	7.18e-15	0.450	-0.646	-0.551	0.895	0.0	0	0	1	1	xcatDB	LEDAS
13	2XMM J000003.3-250819	000.0142	-25.1388	4.40e+01	1.4694e-14	6.66e-15	0.121	-0.794	0.110	-0.134	0.0	0	0	1	1	xcatDB	LEDAS
14	2XMM J000003.7-320035	000.0154	-32.0099	3.33e+01	1.7884e-14	8.27e-15	0.164	0.671	-0.034	0.167	0.0	0	0	1	1	xcatDB	LEDAS
15	2XMM J000003.9-320001	000.0166	-32.0005	2.63e+01	9.6139e-15	5.47e-15	-0.185	0.033	-0.823	0.884	0.0	0	0	1	1	xcatDB	LEDAS
16	2XMM J000004.4-321445	000.0185	-32.2460	3.34e+01	5.2527e-15	2.99e-15	0.356	-0.354	0.100	-0.290	0.0	0	0	1	1	xcatDB	LEDAS
17	2XMM J000007.1-250258	000.0298	-25.0497	1.50e+02	1.4132e-14	3.10e-15	0.120	-0.324	-0.402	-0.971	0.0	0	0	1	1	xcatDB	LEDAS
18	2XMM J000007.3-320159	000.0308	-32.0333	1.64e+01	2.3055e-14	9.46e-15	0.251	0.291	0.531	-0.244	0.0	0	0	1	1	xcatDB	LEDAS
19	2XMM J000008.0-250718	000.0336	-25.1219	9.00e+01	2.0934e-14	5.50e-15	0.431	-0.129	-0.203	-0.172	0.0	0	0	1	1	xcatDB	LEDAS
20	2XMM J000008.2-320247	000.0343	-32.0464	2.55e+01	1.1849e-14	7.38e-15	0.015	0.171	-0.665	0.968	0.0	0	0	1	1	xcatDB	LEDAS
21	2XMM J000008.2-320730	000.0344	-32.1251	4.39e+01	1.0974e-14	4.53e-15	0.711	0.643	-0.251	-0.361	0.0	0	0	1	1	xcatDB	LEDAS
22	2XMM J000008.6-321035	000.0361	-32.1765	6.51e+00	1.8824e-15	1.63e-15	0.467	0.376	-0.867	0.558	0.0	0	0	1	1	xcatDB	LEDAS
23	2XMM J000009.8-251920	000.0412	-25.3224	7.39e+01	2.9028e-14	1.68e-14	0.318	-0.795	0.145	0.358	0.0	0	0	1	1	xcatDB	LEDAS

VizieR


VizieR


Portal
Simbad
VizieR
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X-Match
Other
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VizieR Result Page
Show the target form
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SAMP
TOPCAT
Table List
8: xmm2ir3s
268 / 2031 M
Current Table Properties
Label: xmm2ir3s
Location: VizieR:VizieR IX/41/xmm2ir
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Rows: 262,902
Columns: 19
Sort Order:
Row Subset: All
SAMP
Messages:
Sky2
ReadMe+ftp
Compute
Submit
Mirrors
CDS, France
xcatDB
LEDAS
11 2XMM J000003.3-251550 000.0139 -25.2641 6.84e+00
12 2XMM J000003.3-251656 000.0142 -25.2823 9.81e+00
13 2XMM J000003.3-250819 000.0142 -25.1388 4.40e+01
14 2XMM J000003.7-320035 000.0154 -32.0099 3.33e+01
15 2XMM J000003.9-320001 000.0166 -32.0005 2.63e+01
16 2XMM J000004.4-321445 000.0185 -32.2460 3.34e+01
17 2XMM J000007.1-250258 000.0298 -25.0497 1.50e+02
18 2XMM J000007.3-320159 000.0308 -32.0333 1.64e+01
19 2XMM J000008.0-250718 000.0336 -25.1219 9.00e+01
20 2XMM J000008.2-320247 000.0343 -32.0464 2.55e+01
21 2XMM J000008.2-320730 000.0344 -32.1251 4.39e+01
22 2XMM J000008.6-321035 000.0361 -32.1765 6.51e+00
23 2XMM J000009.8-251920 000.0412 -25.3224 7.39e+01 2.9028e-14 1.68e-14 0.318 -0.795 0.145 0.358 0.0 0 0 1 1
Axes
Legend
Aux Axis
Position
Subsets
Form
Shading
Mode: aux
Aux: HR2
Opaque limit:
Global Style
Shape:
Size:
Colour:
By Subset
Subset Styles
Subset:
Position:
Count: 262,902 / 262,902

VizieR

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VizieR Result Page

Send to VO tools

Search Criteria

Save in CDSportal

Keywords — Back

- IX/41

Tables — Add

IX/41
..xmm2ir3s

Choose

Constraints

Modify Query

Preferences

max: 50

HTML Table

All columns

Compute

Submit

Mirrors

CDS, France

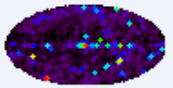
- Show the target form
- Show constraint information

The 2 columns in *color* are computed by VizieR, and are *not part of the original data*.

external links

IX/41/xmm2ir3s XMM-Newton Serendipitous Source Catalogue 2XMMi-DR3 (XMM-SSC, 2010)
Post annotation
The 2XMMi-DR3 Catalog, "slim" version *(262902 rows)*

ReadMe+ftp



start AladinLite

Full	2XMMi	RAJ2000 deg	DEJ2000 deg	srcML	Flux8 mW/m2	e_ (...)	HR1	HR2	HR3	HR4	ext arcsec	V	S	Nd	f1	xcatDB	LEDAS
1	2XMM J000000.2-250631	000.0012	-25.1088	8.93e+00	5.4921e-15	3.24e-15	0.930	-0.360	0.018	-0.606	0.0	0	0	1	1	xcatDB	LEDAS
2	2XMM J000000.9-321353	000.0041	-32.2315	1.01e+01	6.2016e-15	3.73e-15	0.361	-0.284	-0.418	0.621	0.0	0	1	1	1	xcatDB	LEDAS
3	2XMM J000001.1-251022	000.0049	-25.1730	1.04e+01	9.0374e-15	5.57e-15	0.161	0.536	-0.346	-0.734	0.0	0	0	1	1	xcatDB	LEDAS
4	2XMM J000001.5-321311	000.0065	-32.2199	3.19e+02	1.5689e-14	1.99e-15	-0.038	-0.047	-0.338	-0.864	0.0	0	0	1	1	xcatDB	LEDAS
5	2XMM J000001.6-251706	000.0069	-25.2852	2.65e+01	1.4785e-14	1.44e-14	0.113	-0.196	0.087	-1.000	0.0	0	0	1	1	xcatDB	LEDAS
6	2XMM J000002.2-245944	000.0096	-24.9956	8.52e+00	3.8598e-15	5.20e-15	-0.104	0.359	-0.348	-0.873	0.0	0	0	1	1	xcatDB	LEDAS
7	2XMM J000002.6-321530	000.0110	-32.2586	3.24e+02	2.2391e-14	4.85e-15	0.011	-0.081	-0.486	-0.311	0.0	0	1	1	1	xcatDB	LEDAS
8	2XMM J000002.6-322201	000.0110	-32.3670	2.47e+01	6.3579e-14	7.25e-14	0.598	-0.706	-1.000	1.000	31.6	0	4	1	1	xcatDB	LEDAS
9	2XMM J000002.7-251136	000.0113	-25.1936	3.26e+02	6.6736e-14	1.17e-14	0.118	0.036	-0.238	-0.353	0.0	0	0	1	1	xcatDB	LEDAS
10	2XMM J000003.1-321404	000.0132	-32.2346	4.17e+01	2.0825e-14	8.64e-15	0.429	0.138	0.005	-0.749	11.5	0	0	1	1	xcatDB	LEDAS
11	2XMM J000003.3-251550	000.0139	-25.2641	6.84e+00	6.1700e-15	1.08e-14	0.868	0.006	-0.873	0.694	0.0	0	0	1	1	xcatDB	LEDAS
12	2XMM J000003.3-251656	000.0142	-25.2823	9.81e+00	9.3033e-15	7.18e-15	0.450	-0.646	-0.551	0.895	0.0	0	0	1	1	xcatDB	LEDAS
13	2XMM J000003.3-250819	000.0142	-25.1388	4.40e+01	1.4694e-14	6.66e-15	0.121	-0.794	0.110	-0.134	0.0	0	0	1	1	xcatDB	LEDAS
14	2XMM J000003.7-320035	000.0154	-32.0099	3.33e+01	1.7884e-14	8.27e-15	0.164	0.671	-0.034	0.167	0.0	0	0	1	1	xcatDB	LEDAS
15	2XMM J000003.9-320001	000.0166	-32.0005	2.63e+01	9.6139e-15	5.47e-15	-0.185	0.033	-0.823	0.884	0.0	0	0	1	1	xcatDB	LEDAS
16	2XMM J000004.4-321445	000.0185	-32.2460	3.34e+01	5.2527e-15	2.99e-15	0.356	-0.354	0.100	-0.290	0.0	0	0	1	1	xcatDB	LEDAS
17	2XMM J000007.1-250258	000.0298	-25.0497	1.50e+02	1.4132e-14	3.10e-15	0.120	-0.324	-0.402	-0.971	0.0	0	0	1	1	xcatDB	LEDAS
18	2XMM J000007.3-320159	000.0308	-32.0333	1.64e+01	2.3055e-14	9.46e-15	0.251	0.291	0.531	-0.244	0.0	0	0	1	1	xcatDB	LEDAS
19	2XMM J000008.0-250718	000.0336	-25.1219	9.00e+01	2.0934e-14	5.50e-15	0.431	-0.129	-0.203	-0.172	0.0	0	0	1	1	xcatDB	LEDAS
20	2XMM J000008.2-320247	000.0343	-32.0464	2.55e+01	1.1849e-14	7.38e-15	0.015	0.171	-0.665	0.968	0.0	0	0	1	1	xcatDB	LEDAS
21	2XMM J000008.2-320730	000.0344	-32.1251	4.39e+01	1.0974e-14	4.53e-15	0.711	0.643	-0.251	-0.361	0.0	0	0	1	1	xcatDB	LEDAS
22	2XMM J000008.6-321035	000.0361	-32.1765	6.51e+00	1.8824e-15	1.63e-15	0.467	0.376	-0.867	0.558	0.0	0	0	1	1	xcatDB	LEDAS
23	2XMM J000009.8-251920	000.0412	-25.3224	7.39e+01	2.9028e-14	1.68e-14	0.318	-0.795	0.145	0.358	0.0	0	0	1	1	xcatDB	LEDAS

VizieR

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Search Criteria
Save in CDSportal
Keywords Back
- B/corot/astero

Tables Add
B/corot
..astero
..exo
Choose
Constraints
Modify Query

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max: 20
HTML Table
All columns
Compute
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CDS, France

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Show constraint information

thumbnail of light curves

The 5 columns in *color* are computed by VizieR, and are *not part of the original data*.

B/corot/astero CoRoT observation log Release 13 (CoRoT, 2009-2014) ReadMe+ftp
Post annotation Stars observed in the asterosismology program *(155 rows)*

start AladinLite

Full	RAJ2000 "h:m:s"	DEJ2000 "d:m:s"	Img	date1 s	date2 s	CoRoT	SpT	Run	RAJ2000 deg	DEJ2000 deg	size Mbyte	Star	Plot	FITS
1	06 54 24.72	-01 07 37.1		2007-01-31	2007-04-02	116	A4IV	IRa01	103.60300	-01.12698	14.455	HD 50747	Plot	FITS
2	06 55 54.24	-01 35 07.3		2007-01-31	2007-04-02	214	A3	IRa01	103.97600	-01.58537	14.455	HD 51106	Plot	FITS
3	06 51 51.84	-02 10 33.7		2007-01-31	2007-04-02	223	F2	IRa01	102.96600	-02.17604	14.455	HD 50170	Plot	FITS
4	06 50 49.92	-00 32 27.2		2007-01-31	2007-04-02	20	F2V	IRa01	102.70800	-00.54088	14.443	HD 49933	Plot	FITS
5	06 54 44.64	-02 07 23.2		2007-02-06	2007-04-02	263	F8	IRa01	103.68600	-02.12311	13.009	HD 292790	Plot	FITS
6	06 53 02.88	-01 53 01.1		2007-02-06	2007-04-02	187	A0	IRa01	103.26200	-01.88363	13.009	HD 50405	Plot	FITS
7	06 54 58.80	-02 48 12.9		2007-02-06	2007-04-02	400	G6III	IRa01	103.74500	-02.80359	13.009	HD 50890	Plot	FITS
8	06 54 50.16	-01 04 14.8		2007-02-03	2007-04-02	123	A2	IRa01	103.70900	-01.07078	13.726	HD 50844	Plot	FITS
9	06 54 54.72	-01 22 32.8		2007-02-03	2007-04-02	156	B5	IRa01	103.72800	-01.37579	13.723	HD 50846	Plot	FITS
10	06 54 36.96	-00 27 09.5		2007-02-03	2007-04-02	83	A2	IRa01	103.65400	-00.45264	13.723	HD 50773	Plot	FITS
11	19 22 21.60	-00 15 08.4		2007-05-11	2007-10-15	8774	G8III	LRc01	290.59000	-00.25234	37.224	HD 181907	Plot	FITS

VizieR

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VizieR Result Page

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Search Criteria
Save in CDSportal
Keywords [Back]
- B/corot/astero

Tables [Add]
B/corot
..astero
..exo
[Choose]

Constraints
[Modify Query]

Preferences
max: 20
HTML Table
All columns
Compute
[Submit]

Mirrors
CDS, France

Show the target form
Show constraint information

The 5 columns in *color* are computed by VizieR, and are *not part of the original data*.

link to SIMBAD

B/corot/astero CoRoT observation log Release 13 (CoRoT, 2009-2014) ReadMe+ftp
Post annotation Stars observed in the asterosismology program *(155 rows)*

start AladinLite

Full	RAJ2000 "h:m:s"	DEJ2000 "d:m:s"	Img	date1 s	date2 s	CoRoT	SpT	Run	RAJ2000 deg	DEJ2000 deg	size Mbyte	Star	Plot	FITS
1	06 54 24.72	-01 07 37.1		2007-01-31	2007-04-02	116	A4IV	IRa01	103.60300	-01.12698	14.455	HD 50747	Plot	FITS
2	06 55 54.24	-01 35 07.3		2007-01-31	2007-04-02	214	A3	IRa01	103.97600	-01.58537	14.455	HD 51106	Plot	FITS
3	06 51 51.84	-02 10 33.7		2007-01-31	2007-04-02	223	F2	IRa01	102.96600	-02.17604	14.455	HD 50170	Plot	FITS
4	06 50 49.92	-00 32 27.2		2007-01-31	2007-04-02	20	F2V	IRa01	102.70800	-00.54088	14.443	HD 49933	Plot	FITS
5	06 54 44.64	-02 07 23.2		2007-02-06	2007-04-02	263	F8	IRa01	103.68600	-02.12311	13.009	HD 292790	Plot	FITS
6	06 53 02.88	-01 53 01.1		2007-02-06	2007-04-02	187	A0	IRa01	103.26200	-01.88363	13.009	HD 50405	Plot	FITS
7	06 54 58.80	-02 48 12.9		2007-02-06	2007-04-02	400	G6III	IRa01	103.74500	-02.80359	13.009	HD 50890	Plot	FITS
8	06 54 50.16	-01 04 14.8		2007-02-03	2007-04-02	123	A2	IRa01	103.70900	-01.07078	13.726	HD 50844	Plot	FITS
9	06 54 54.72	-01 22 32.8		2007-02-03	2007-04-02	156	B5	IRa01	103.72800	-01.37579	13.723	HD 50846	Plot	FITS
10	06 54 36.96	-00 27 09.5		2007-02-03	2007-04-02	83	A2	IRa01	103.65400	-00.45264	13.723	HD 50773	Plot	FITS
11	19 22 21.60	-00 15 08.4		2007-05-11	2007-10-15	8774	G8III	LRc01	290.59000	-00.25234	37.224	HD 181907	Plot	FITS

VizieR

Portal Simbad VizieR Aladin X-Match Other Help

VizieR Result Page

Send to VO tools

Search Criteria
Save in CDSportal
Keywords Back
- B/corot/astero

Tables Add
B/corot
..astero
..exo
Choose
Constraints
Modify Query

Preferences
max: 20
HTML Table
All columns
Compute
Submit

Mirrors
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Show the target form
Show constraint information

access to data

The 5 columns in *color* are computed by VizieR, and are *not part of the original data*.

B/corot/astero CoRoT observation log Release 13 (CoRoT, 2009-2014) ReadMe+ftp
Post annotation Stars observed in the asterosismology program *(155 rows)*

start AladinLite

Full	RAJ2000 "h:m:s"	DEJ2000 "d:m:s"	Img	date1 s	date2 s	CoRoT	SpT	Run	RAJ2000 deg	DEJ2000 deg	size Mbyte	Star	Plot	FITS
1	06 54 24.72	-01 07 37.1		2007-01-31	2007-04-02	116	A4IV	IRa01	103.60300	-01.12698	14.455	HD 50747	Plot	FITS
2	06 55 54.24	-01 35 07.3		2007-01-31	2007-04-02	214	A3	IRa01	103.97600	-01.58537	14.455	HD 51106	Plot	FITS
3	06 51 51.84	-02 10 33.7		2007-01-31	2007-04-02	223	F2	IRa01	102.96600	-02.17604	14.455	HD 50170	Plot	FITS
4	06 50 49.92	-00 32 27.2		2007-01-31	2007-04-02	20	F2V	IRa01	102.70800	-00.54088	14.443	HD 49933	Plot	FITS
5	06 54 44.64	-02 07 23.2		2007-02-06	2007-04-02	263	F8	IRa01	103.68600	-02.12311	13.009	HD 292790	Plot	FITS
6	06 53 02.88	-01 53 01.1		2007-02-06	2007-04-02	187	A0	IRa01	103.26200	-01.88363	13.009	HD 50405	Plot	FITS
7	06 54 58.80	-02 48 12.9		2007-02-06	2007-04-02	400	G6III	IRa01	103.74500	-02.80359	13.009	HD 50890	Plot	FITS
8	06 54 50.16	-01 04 14.8		2007-02-03	2007-04-02	123	A2	IRa01	103.70900	-01.07078	13.726	HD 50844	Plot	FITS
9	06 54 54.72	-01 22 32.8		2007-02-03	2007-04-02	156	B5	IRa01	103.72800	-01.37579	13.723	HD 50846	Plot	FITS
10	06 54 36.96	-00 27 09.5		2007-02-03	2007-04-02	83	A2	IRa01	103.65400	-00.45264	13.723	HD 50773	Plot	FITS
11	19 22 21.60	-00 15 08.4		2007-05-11	2007-10-15	8774	G8III	LRc01	290.59000	-00.25234	37.224	HD 181907	Plot	FITS

VizieR

Portal Simbad VizieR Aladin X-Match Other Help

VizieR Result Page

Send to VO tools

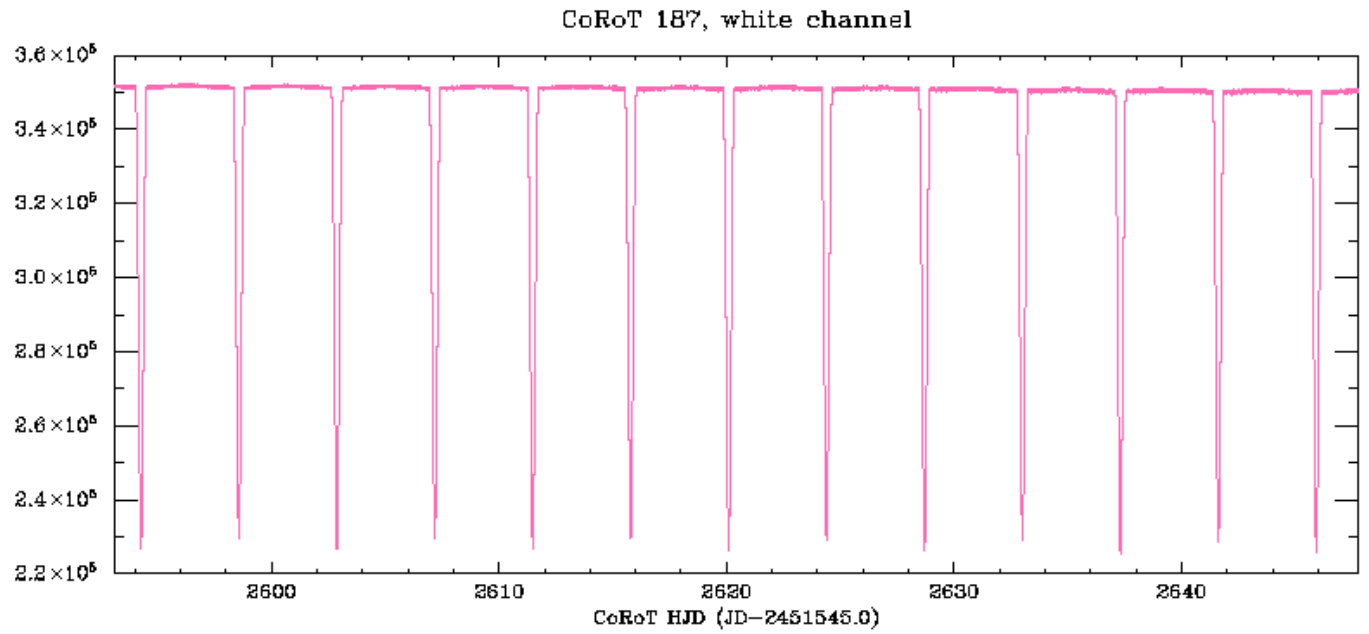
Show the target form
Show constraint information

The 5 columns in *color* are computed by VizieR, and are *not part of the original data*.

light curve

Search Criteria

Light curve of CoRoT 187 in White (points with status=0)



Postscript Figure

Data as a Table

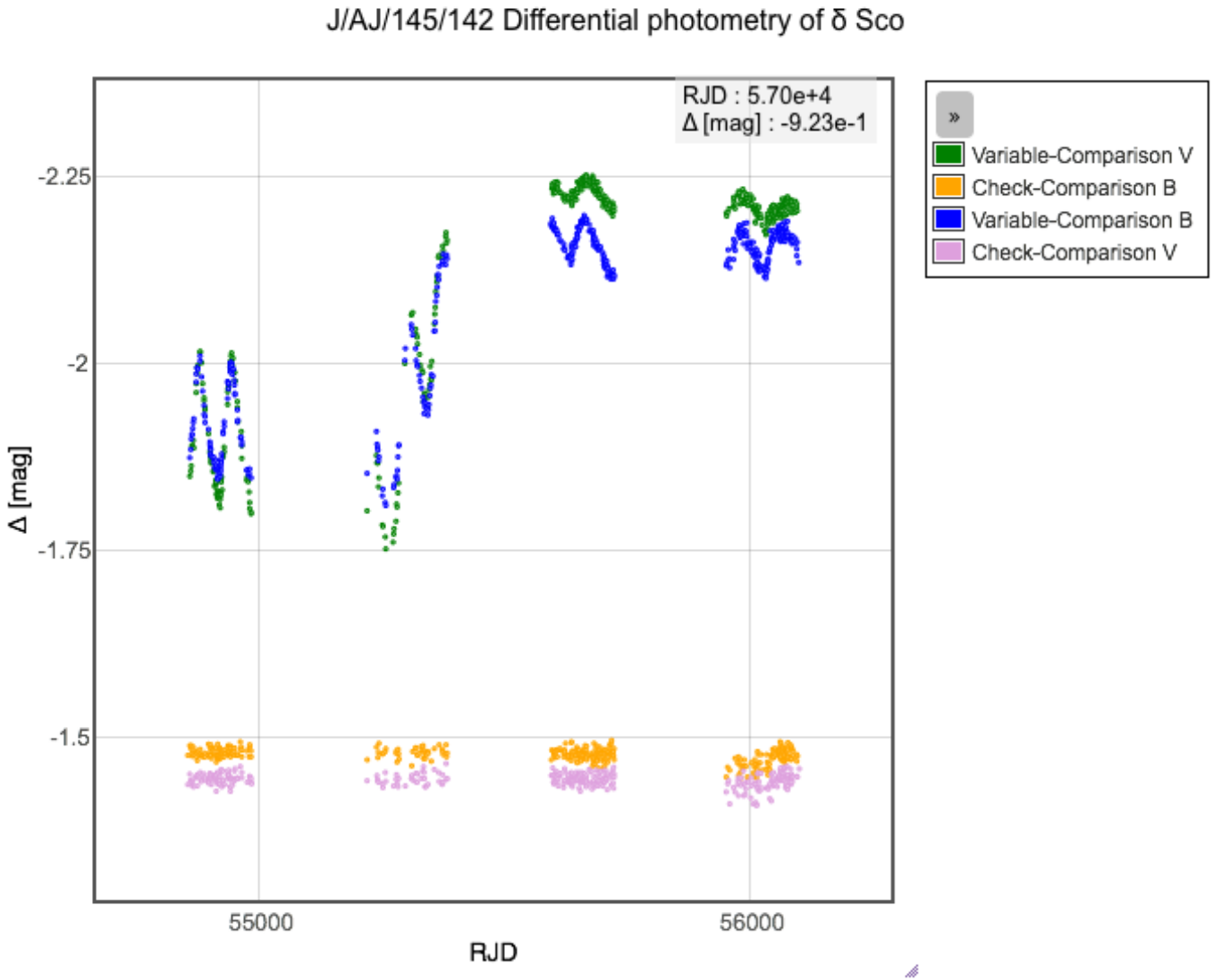
Adapt Plot	Band White	x cuts:	xlog	Bitmap size: 900x40
	P 0	y cuts:	ylog	Adapt the plot

ReadMe+ftp

size Mbyte	Star	Plot	FITS
14.455	HD 50747	Plot	FITS
14.455	HD 51106	Plot	FITS
14.455	HD 50170	Plot	FITS
14.443	HD 49933	Plot	FITS
13.009	HD 292790	Plot	FITS
13.009	HD 50405	Plot	FITS
13.009	HD 50890	Plot	FITS
13.726	HD 50844	Plot	FITS
13.723	HD 50846	Plot	FITS
13.723	HD 50773	Plot	FITS
37.224	HD 181907	Plot	FITS

Widget under development

settings share

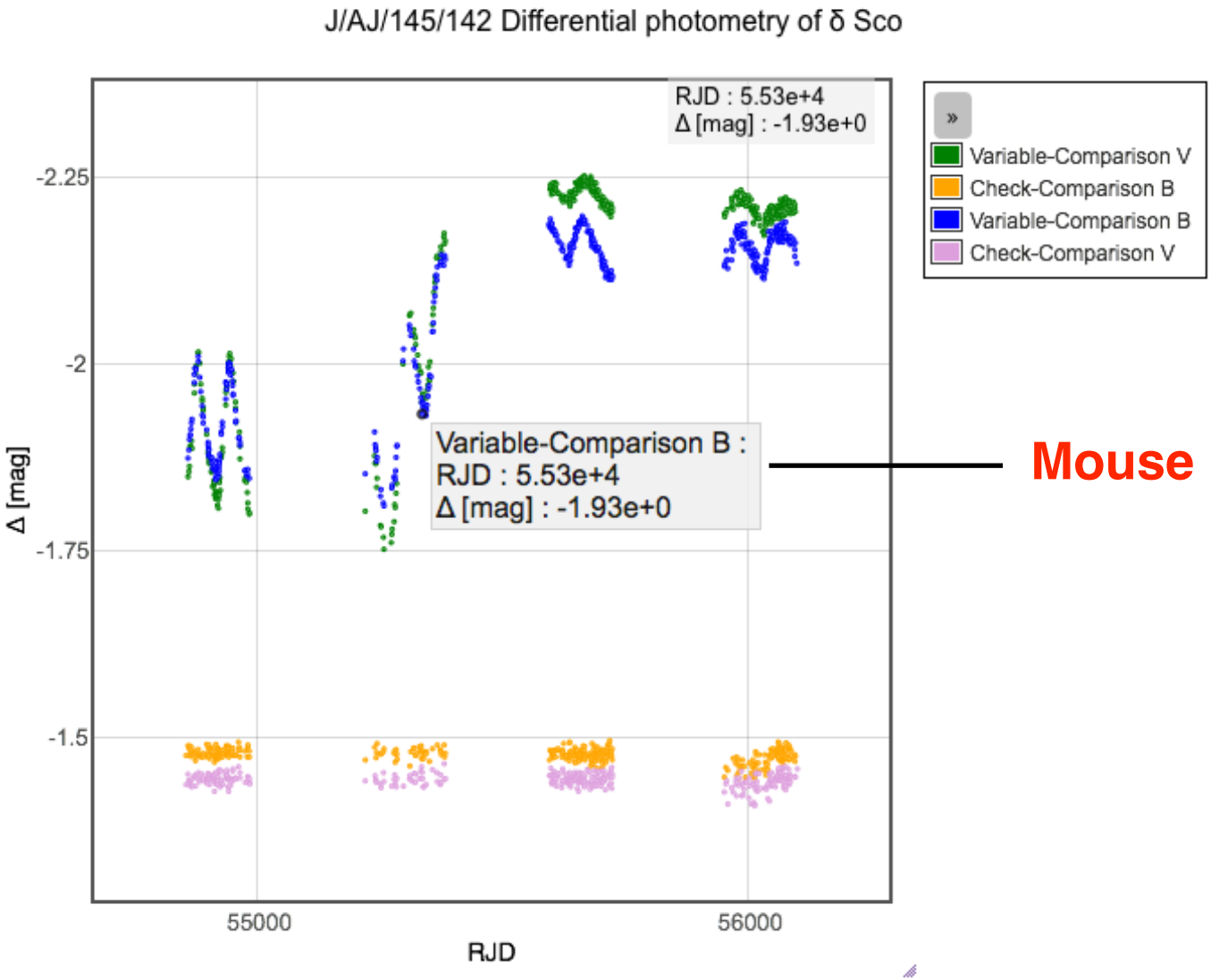


reset zoom print print the legend

display options

Widget under development

settings share



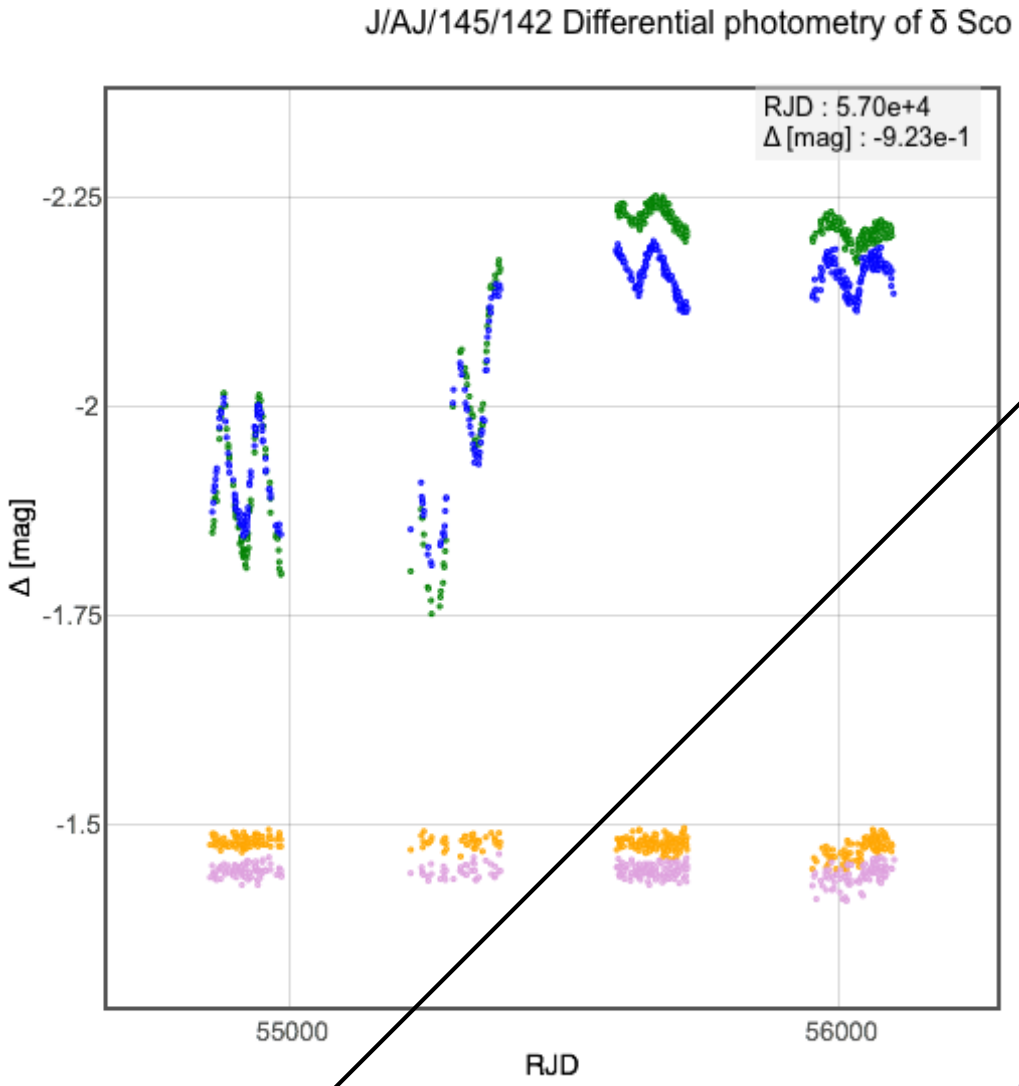
Mouse position indicated

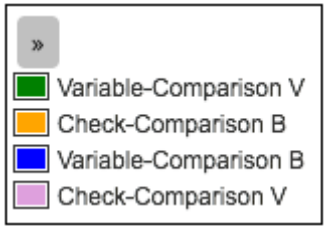
reset zoom print print the legend

display options

Widget under development

settings share





Long list of display options

Graph :
title of the graph J/AJ/145/142 Differential photometry of δ Sco
Enable tooltip
add dataset
add marking

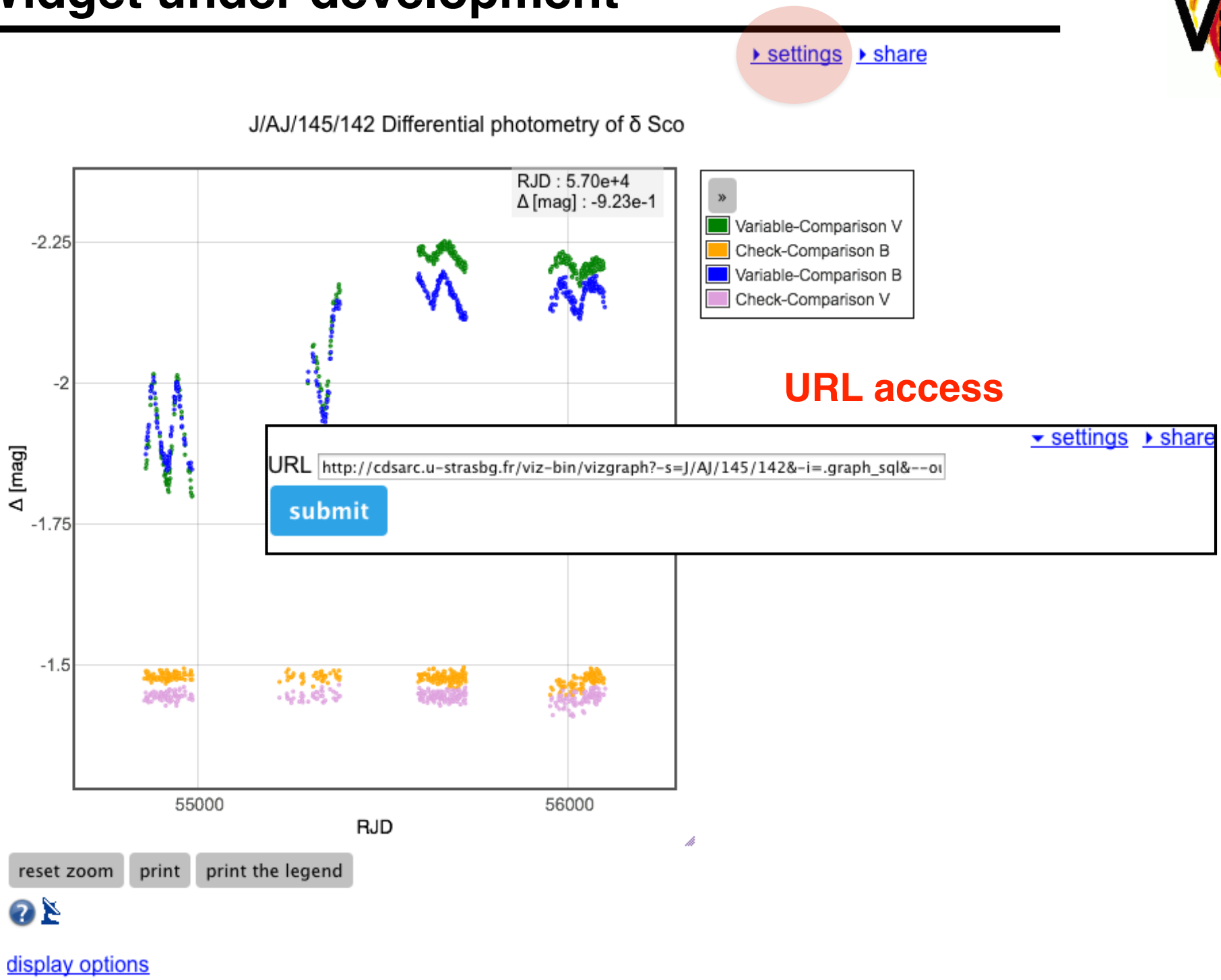
add linear equation
equation: y=
color blue
lines : size 1
points : symbols circle, size 1

dataset Check-Comparison V:
x axis RJD y axis Δ [mag]
x error none y error none
color plum
lines : size 1
points : symbols circle, size 1

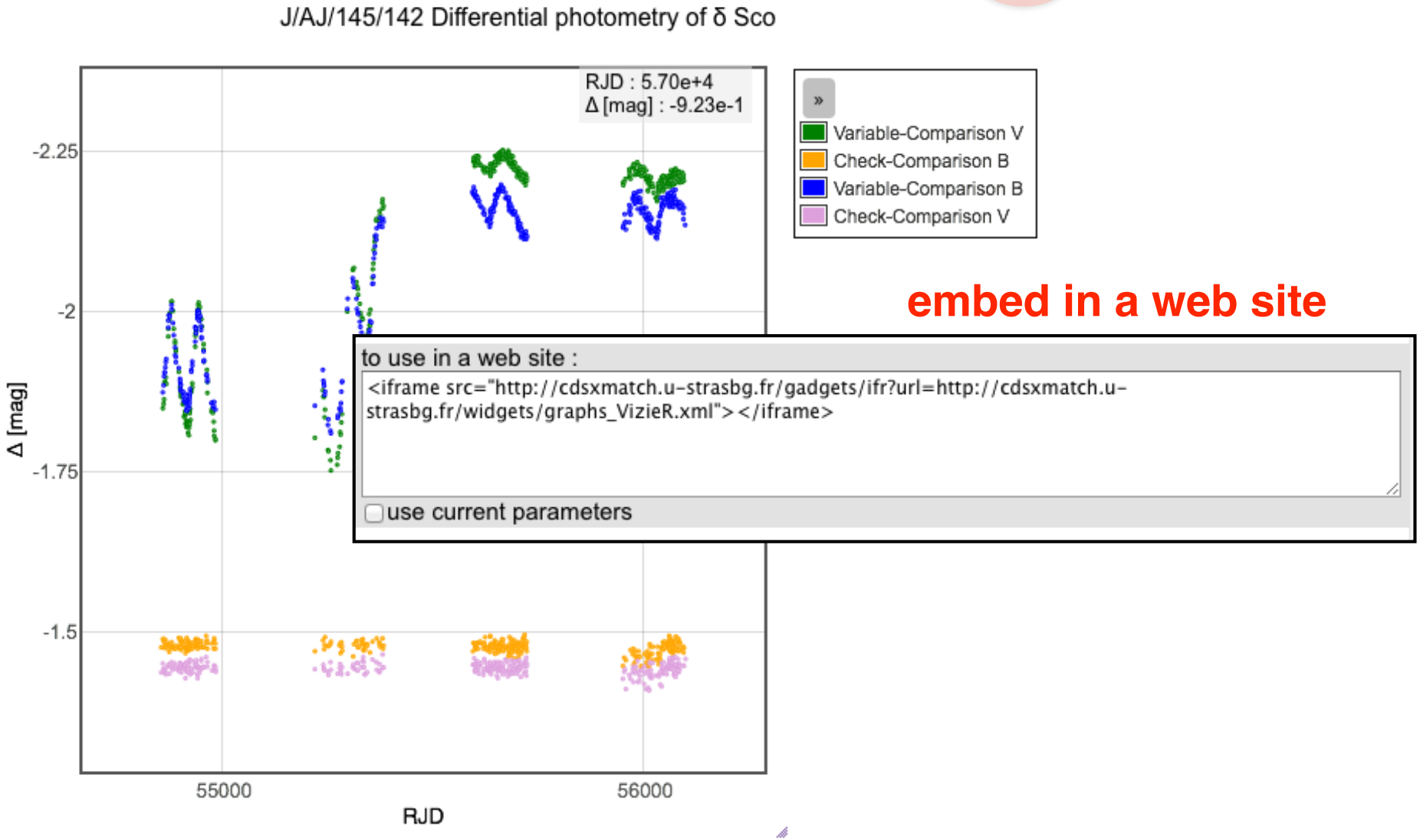
X axis :
label
RJD
logarithmic scale
reverse axis
add period :
range : min 54670.34117, max 56288.51902999

Y axis :
label
Δ [mag]
logarithmic scale
reverse axis
range : min -2.37945000000, max -1.28355

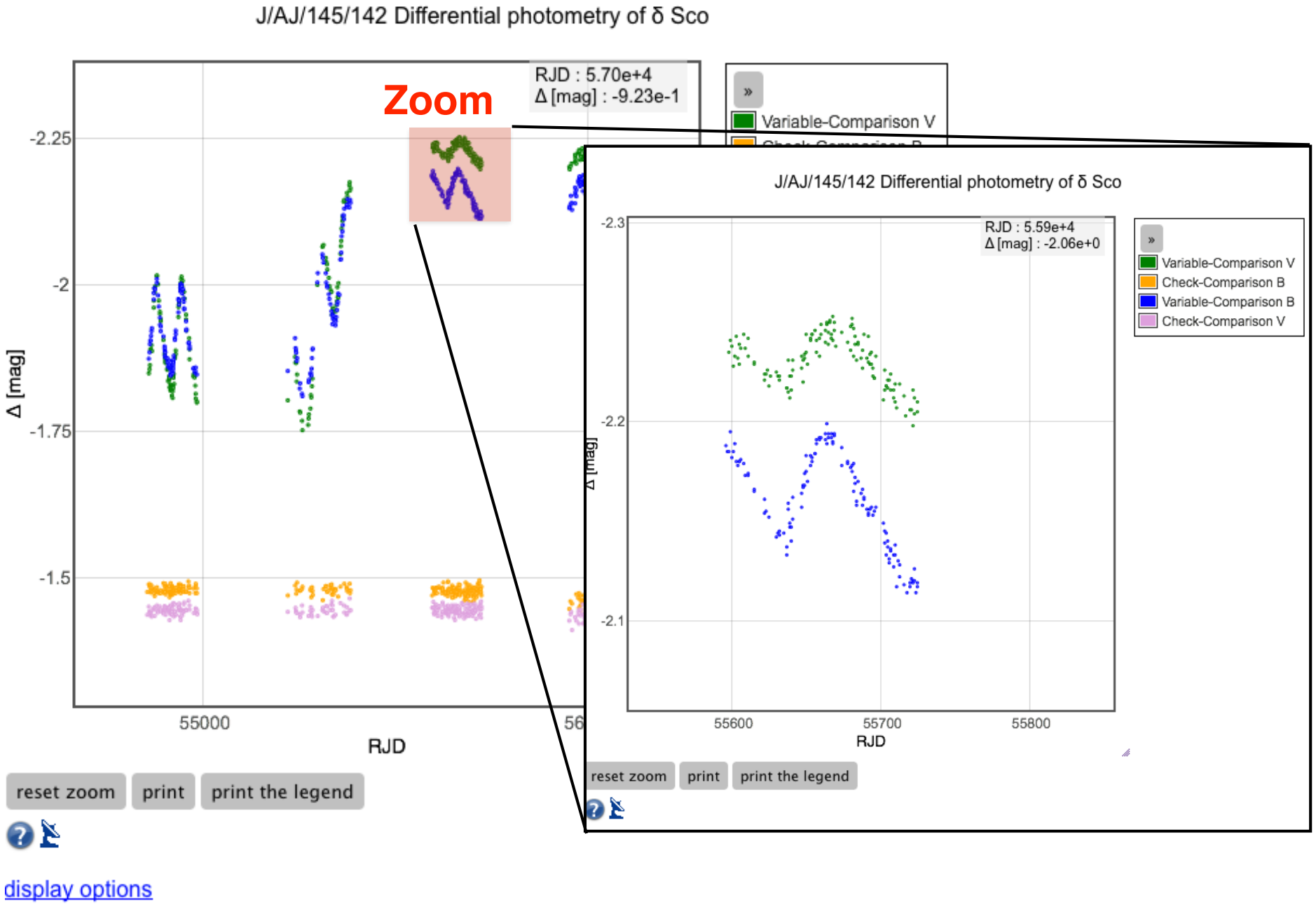
Widget under development



Widget under development

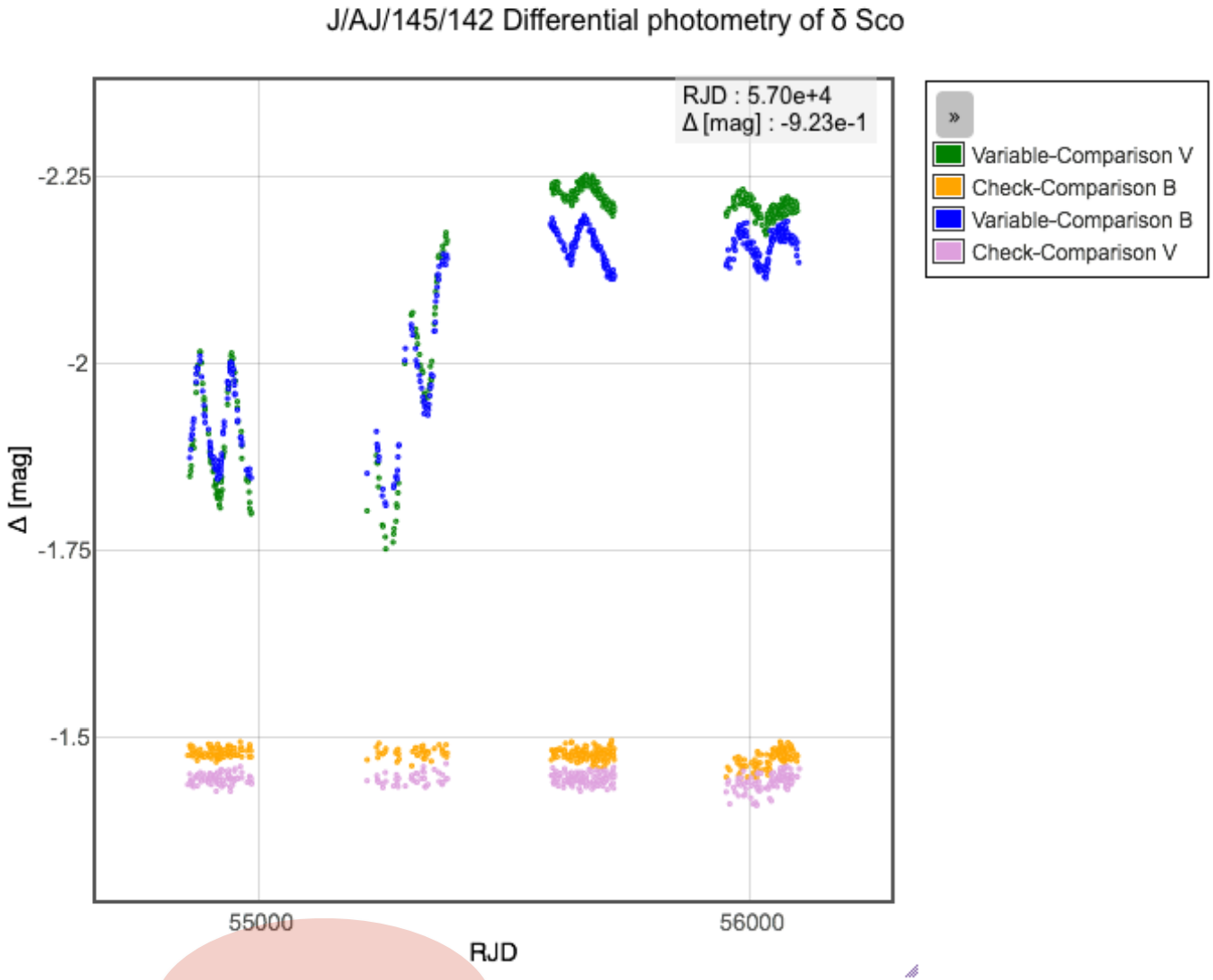


Widget under development



Widget under development

settings share

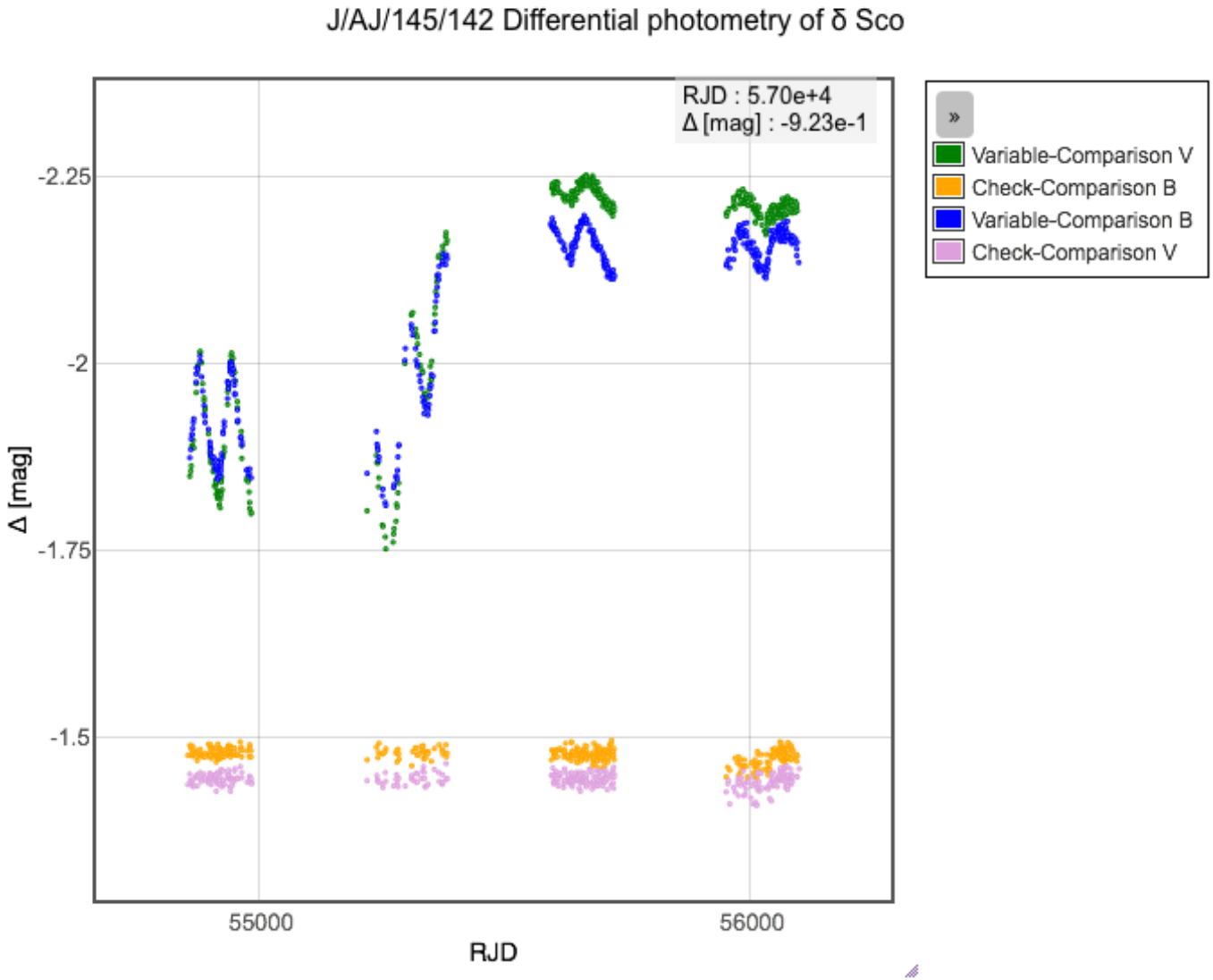


Print

display options

Widget under development

settings share

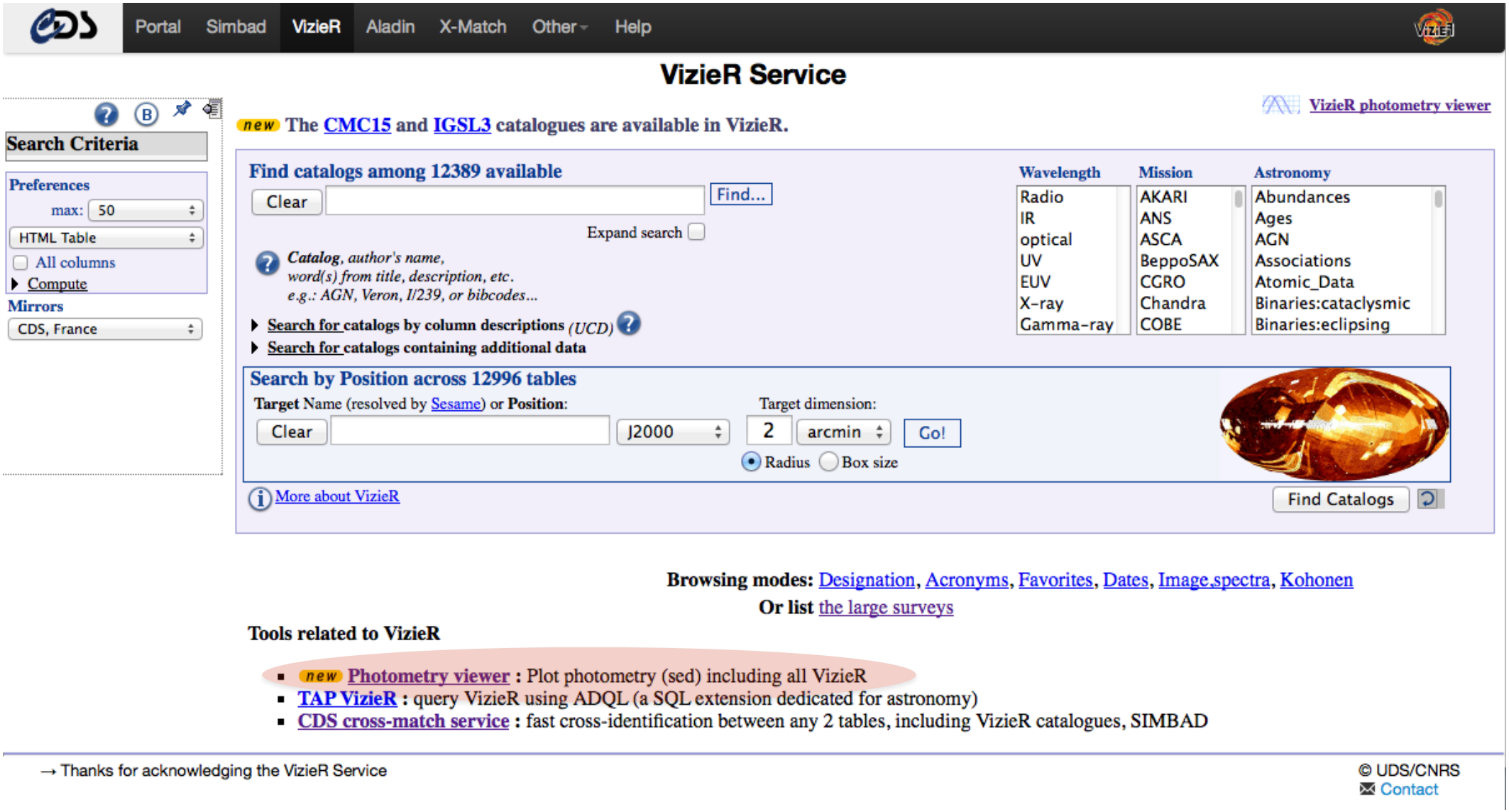


reset zoom print print the legend

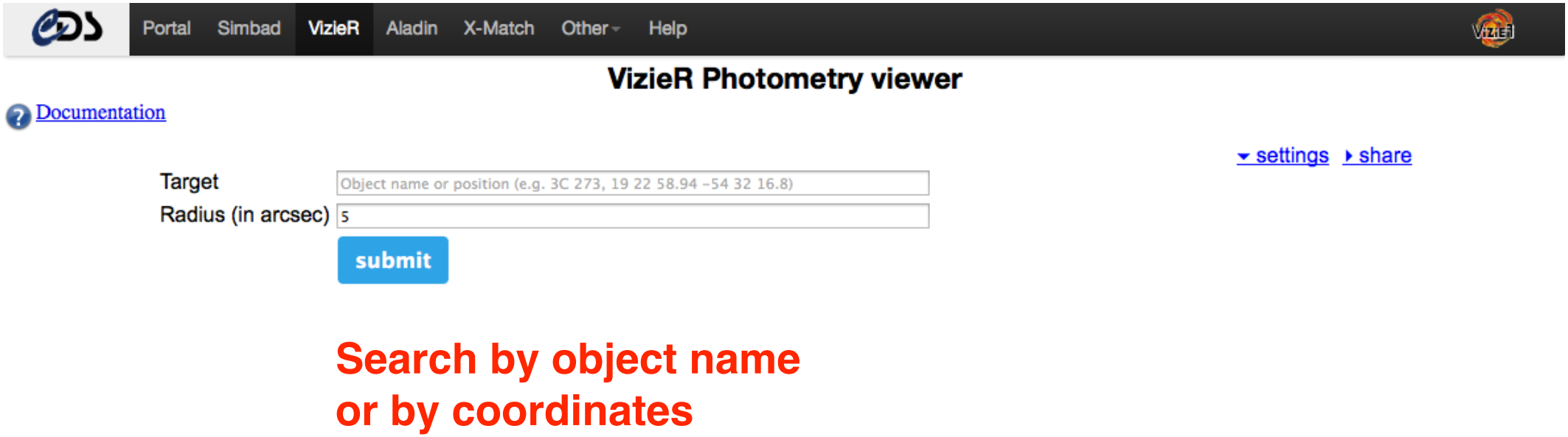
SAMP

display options

Photometric viewer

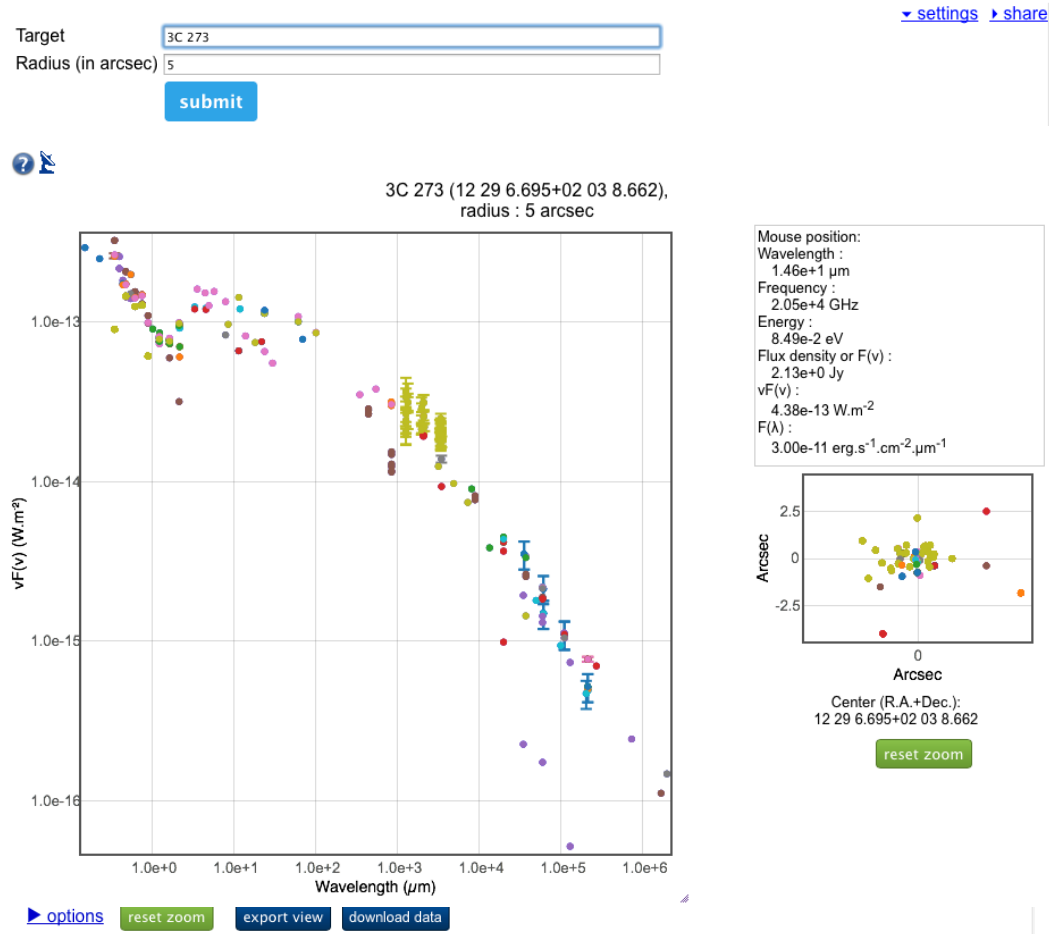


Photometric viewer



Search by object name
or by coordinates

Photometric viewer

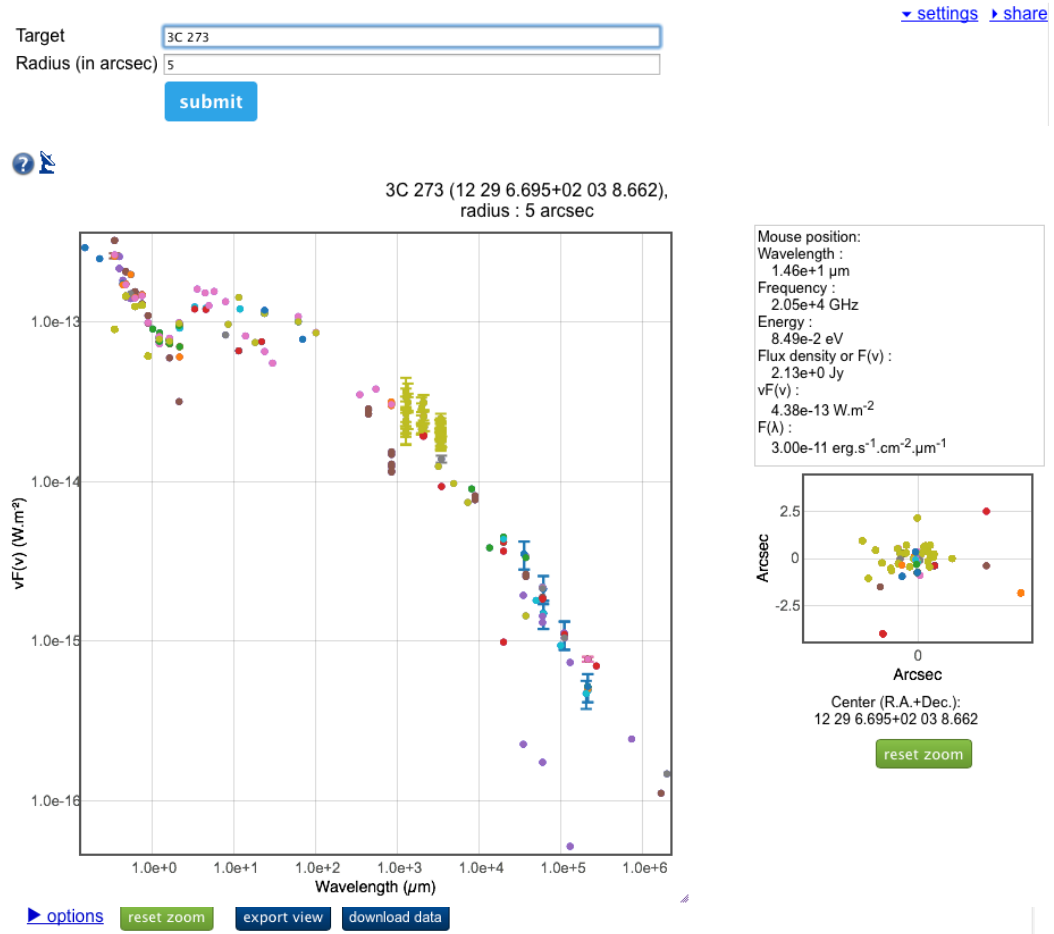


show all	source	_RAJ2000 (deg)	_DEJ2000 (deg)	_tabname	_sed_freq (GHz)	wavelength (μm)	_sed_flux (Jy)	_sed_eflux (Jy)	sed_filter
	recno=34778303	187.278077	+02.052145	II/312/ais	1.9607e+6	1.53e-1	14.8e-3	0.1e-3	GALEX:FUV
	II/314/las8								
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	II/319/las9								
	recno=53344062	187.277918	+02.052421	II/319/las9	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	recno=53344062	187.277918	+02.052421	II/319/las9	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	recno=53344062	187.277918	+02.052421	II/319/las9	240.16e+3	1.25e+0	35.4e-3	0.0e-3	UKIDSS:J
	recno=53344062	187.277918	+02.052421	II/319/las9	290.92e+3	1.03e+0	30.9e-3	0.0e-3	UKIDSS:Y
	II/328/allwise								
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	13.571e+3	2.21e+1	0.552	0.011	WISE:W4
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	138.55e+3	2.16e+0	68.0e-3	1.4e-3	2MASS:Ks
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	181.75e+3	1.65e+0	40.0e-3	1.0e-3	2MASS:H

Showing 1 to 391 of 391 entries

- 391 entries found
- ~1 second

Photometric viewer

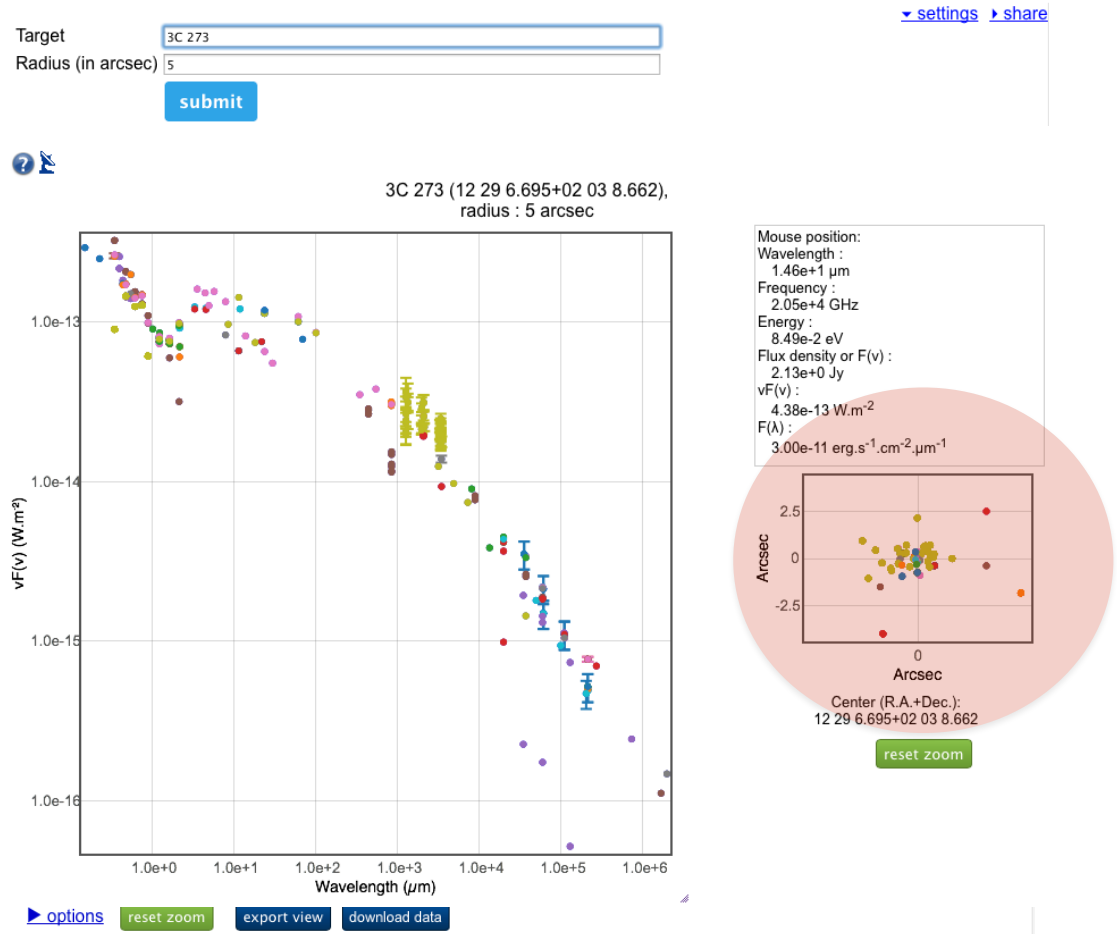


show all	source	_RAJ2000 (deg)	_DEJ2000 (deg)	_tabname	_sed_freq (GHz)	wavelength (μm)	_sed_flux (Jy)	_sed_eflux (Jy)	sed_filter
	recno=34778303	187.278077	+02.052145	II/312/ais	1.9607e+6	1.53e-1	14.8e-3	0.1e-3	GALEX:FUV
	II/314/las8								
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	II/319/las9								
	recno=53344062	187.277918	+02.052421	II/319/las9	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	recno=53344062	187.277918	+02.052421	II/319/las9	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	recno=53344062	187.277918	+02.052421	II/319/las9	240.16e+3	1.25e+0	35.4e-3	0.0e-3	UKIDSS:J
	recno=53344062	187.277918	+02.052421	II/319/las9	290.92e+3	1.03e+0	30.9e-3	0.0e-3	UKIDSS:Y
	II/328/allwise								
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	13.571e+3	2.21e+1	0.552	0.011	WISE:W4
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	138.55e+3	2.16e+0	68.0e-3	1.4e-3	2MASS:Ks
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	181.75e+3	1.65e+0	40.0e-3	1.0e-3	2MASS:H

Showing 1 to 391 of 391 entries

- url / embed in web
- mouse position
- SAMP
- display options

Photometric viewer

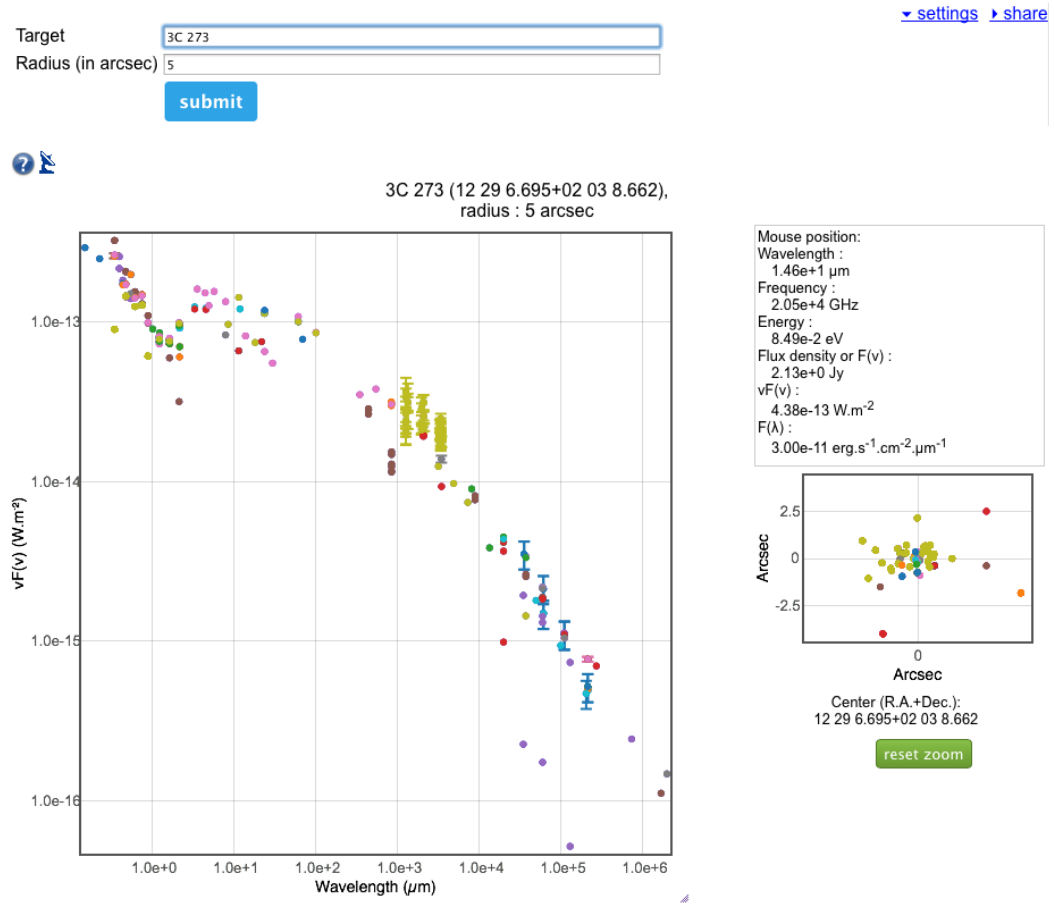


show all	source	_RAJ2000 (deg)	_DEJ2000 (deg)	_tabname	_sed_freq (GHz)	wavelength (μm)	_sed_flux (Jy)	_sed_eflux (Jy)	sed_filter
	recno=34778303	187.278077	+02.052145	II/312/ais	1.9607e+6	1.53e-1	14.8e-3	0.1e-3	GALEX:FUV
	II/314/las8								
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	II/319/las9								
	recno=53344062	187.277918	+02.052421	II/319/las9	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	recno=53344062	187.277918	+02.052421	II/319/las9	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	recno=53344062	187.277918	+02.052421	II/319/las9	240.16e+3	1.25e+0	35.4e-3	0.0e-3	UKIDSS:J
	recno=53344062	187.277918	+02.052421	II/319/las9	290.92e+3	1.03e+0	30.9e-3	0.0e-3	UKIDSS:Y
	II/328/allwise								
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	13.571e+3	2.21e+1	0.552	0.011	WISE:W4
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	138.55e+3	2.16e+0	68.0e-3	1.4e-3	2MASS:Ks
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	181.75e+3	1.65e+0	40.0e-3	1.0e-3	2MASS:H

Showing 1 to 391 of 391 entries

distance between catalogue and input coordinates

Photometric viewer



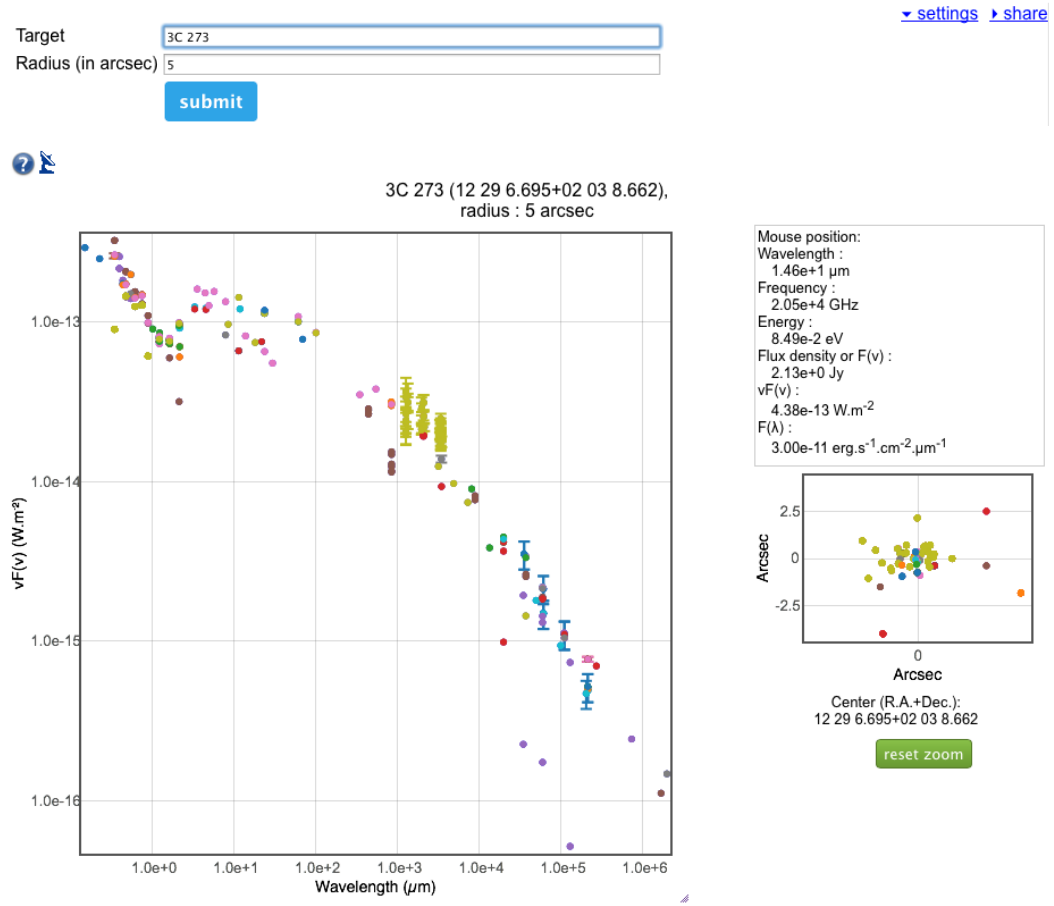
Search:

show all	source	_RAJ2000 (deg)	_DEJ2000 (deg)	_tabname	_sed_freq (GHz)	wavelength (μm)	_sed_flux (Jy)	_sed_eflux (Jy)	sed_filter
	recno=34778303	187.278077	+02.052145	II/312/ais	1.9607e+6	1.53e-1	14.8e-3	0.1e-3	GALEX:FUV
	II/314/las8								
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	II/319/las9								
	recno=53344062	187.277918	+02.052421	II/319/las9	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
	recno=53344062	187.277918	+02.052421	II/319/las9	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
	recno=53344062	187.277918	+02.052421	II/319/las9	240.16e+3	1.25e+0	35.4e-3	0.0e-3	UKIDSS:J
	recno=53344062	187.277918	+02.052421	II/319/las9	290.92e+3	1.03e+0	30.9e-3	0.0e-3	UKIDSS:Y
	II/328/allwise								
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	13.571e+3	2.21e+1	0.552	0.011	WISE:W4
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	138.55e+3	2.16e+0	68.0e-3	1.4e-3	2MASS:Ks
	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	181.75e+3	1.65e+0	40.0e-3	1.0e-3	2MASS:H

Showing 1 to 391 of 391 entries

list of catalogues and associated magnitudes

Photometric viewer



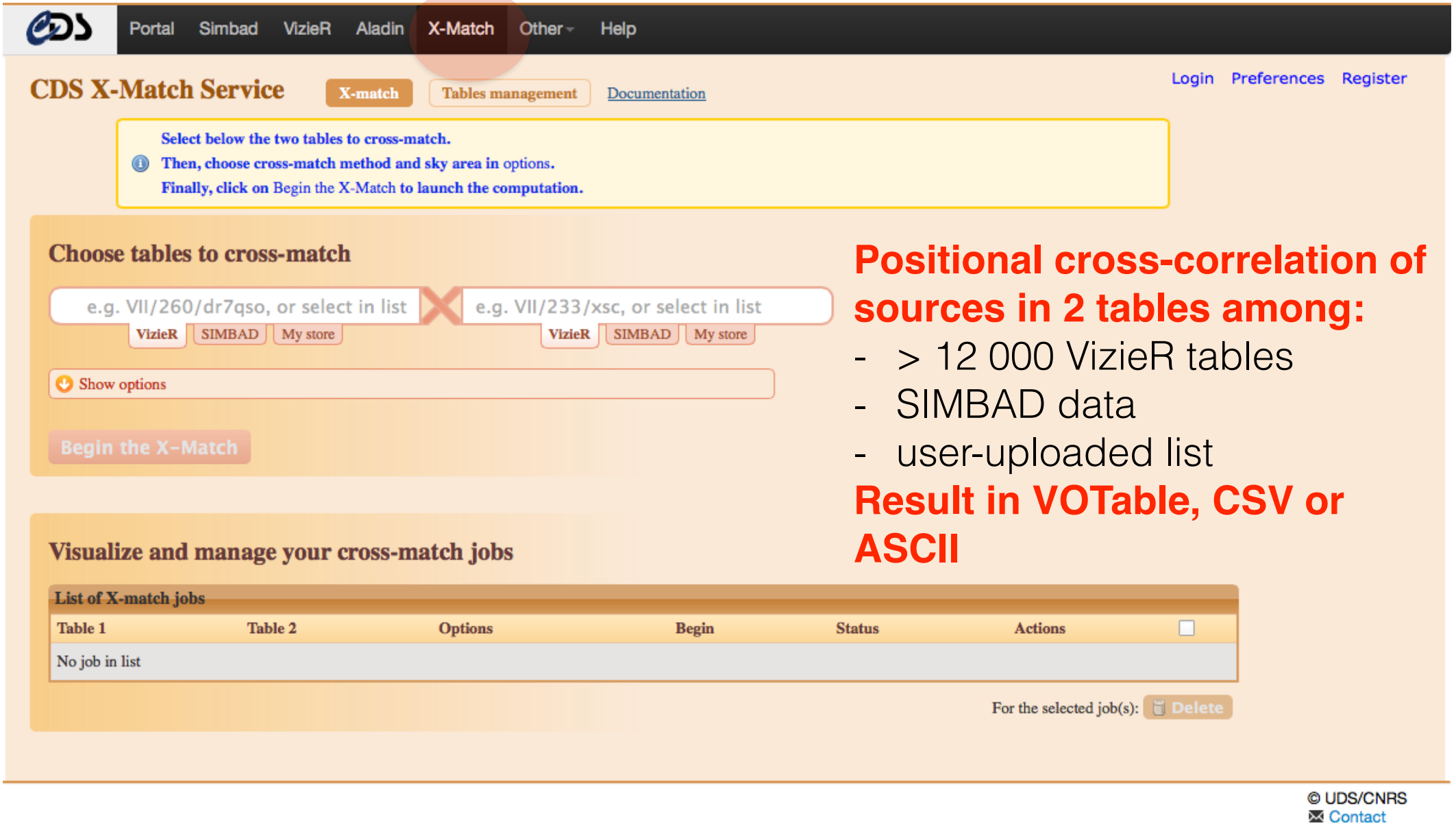
Search:

show all	source	_RAJ2000 (deg)	_DEJ2000 (deg)	_tabname	_sed_freq (GHz)	wavelength (μm)	_sed_flux (Jy)	_sed_eflux (Jy)	sed_filter
☑	recno=34778303	187.278077	+02.052145	II/312/ais	1.9607e+6	1.53e-1	14.8e-3	0.1e-3	GALEX:FUV
☑	II/314/las8								
☑	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
☑	-c=\htarg{187.277938+02.052428,eq=J2000}\&-c.rs=0.004	187.277938	+02.052428	II/314/las8	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
☑	II/319/las9								
☑	recno=53344062	187.277918	+02.052421	II/319/las9	136.21e+3	2.20e+0	51.1e-3	0.0e-3	UKIDSS:K
☑	recno=53344062	187.277918	+02.052421	II/319/las9	183.78e+3	1.63e+0	41.7e-3	0.0e-3	UKIDSS:H
☑	recno=53344062	187.277918	+02.052421	II/319/las9	240.16e+3	1.25e+0	35.4e-3	0.0e-3	UKIDSS:J
☑	recno=53344062	187.277918	+02.052421	II/319/las9	290.92e+3	1.03e+0	30.9e-3	0.0e-3	UKIDSS:Y
☑	II/328/allwise								
☑	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	13.571e+3	2.21e+1	0.552	0.011	WISE:W4
☑	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	138.55e+3	2.16e+0	68.0e-3	1.4e-3	2MASS:Ks
☑	AllWISE===J122906.69+020308.6	187.277907	+02.052393	II/328/allwise	181.75e+3	1.65e+0	40.0e-3	1.0e-3	2MASS:H

Showing 1 to 391 of 391 entries

filter information

CDS X-match Service

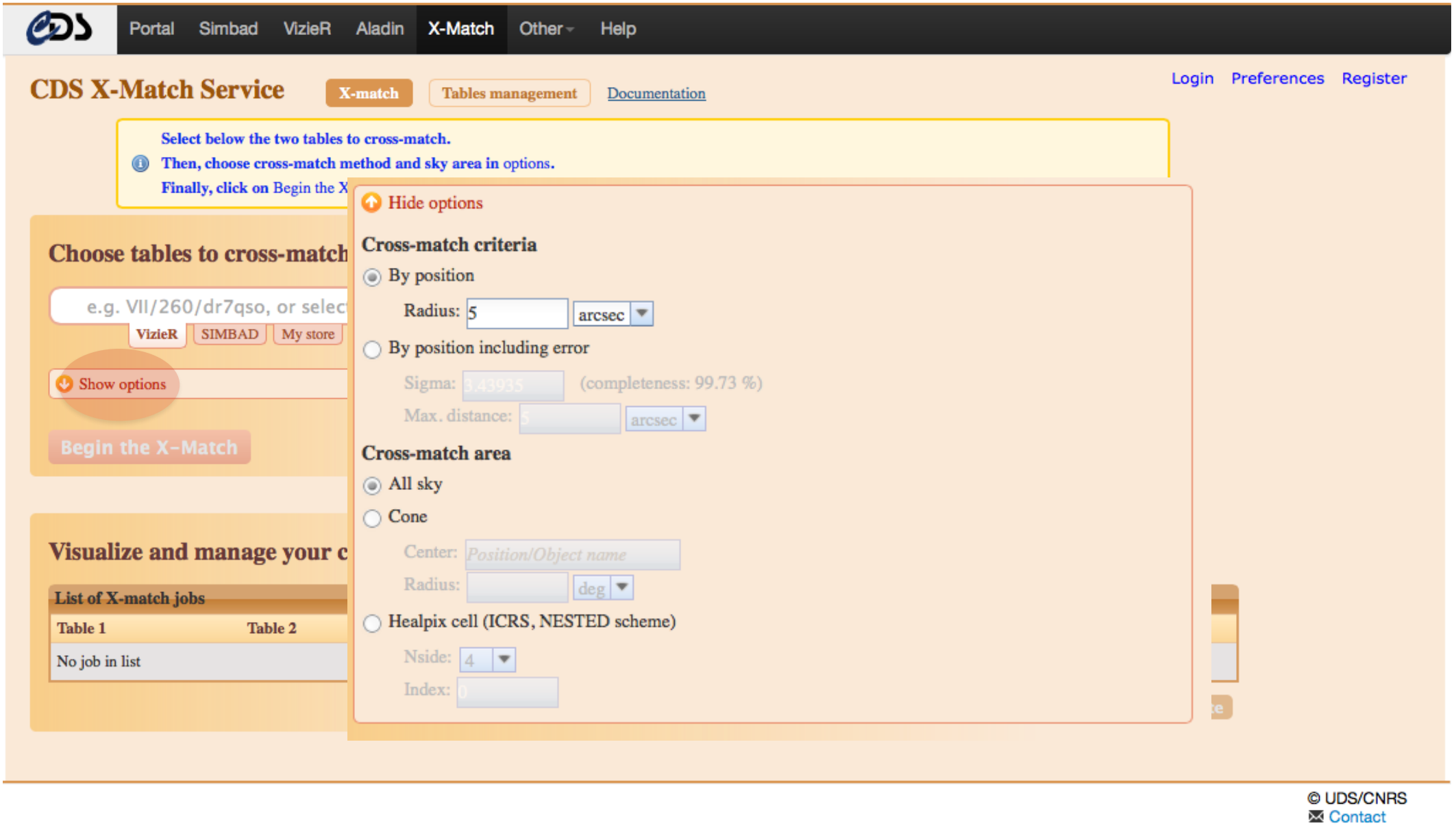


Positional cross-correlation of sources in 2 tables among:

- > 12 000 VizieR tables
- SIMBAD data
- user-uploaded list

Result in VOTable, CSV or ASCII

CDS X-match Service



CDS X-match Service

Available through:
- Web interface
- HTTP API (programmatic access)

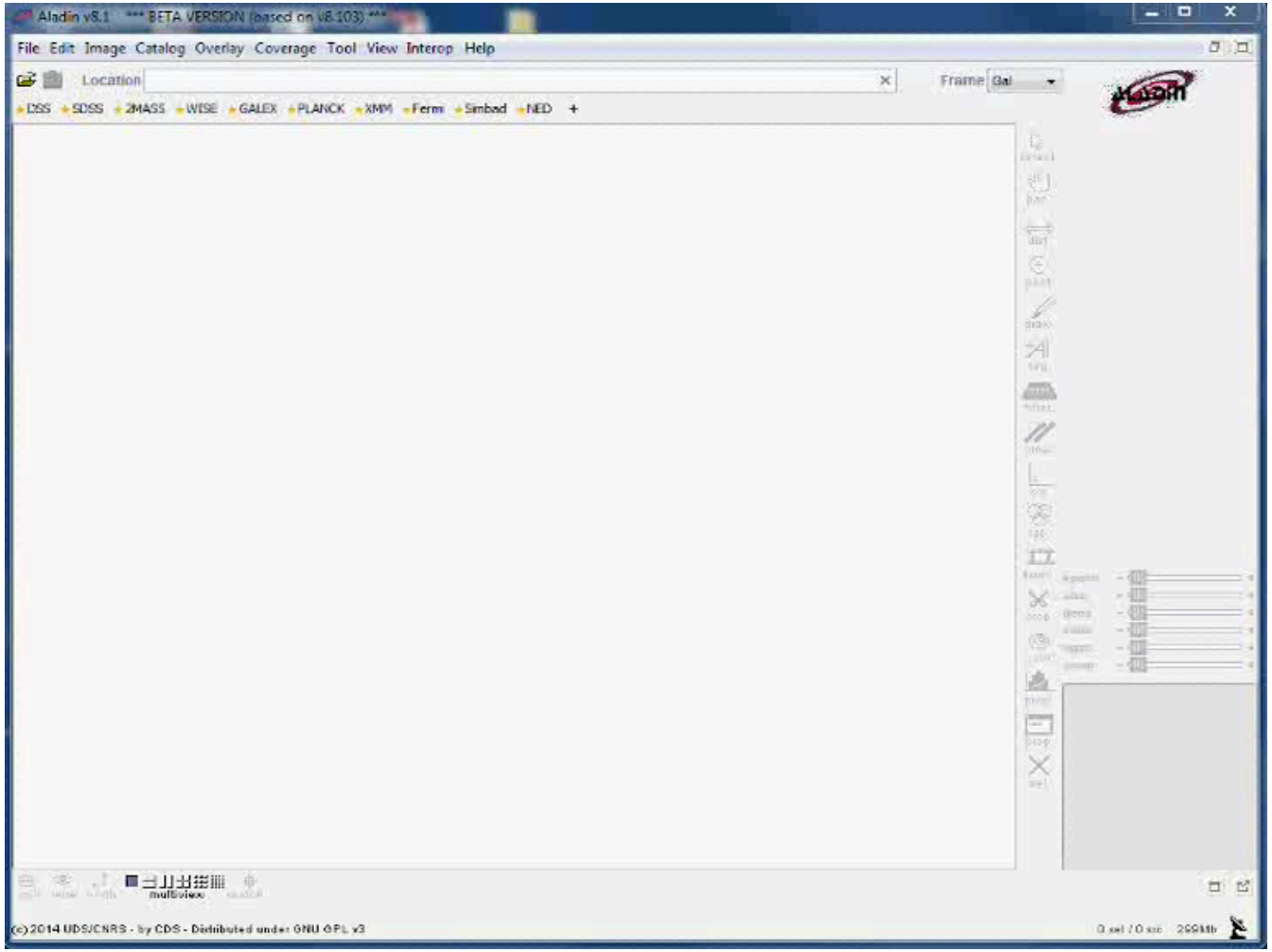
Performances

Table 1	Table 2	Computation time	Result generation	Result size	Total time
SDSS DR7 *357M rows*	2MASS *470M rows*	7 min	11 min	13 GB	18 min
DENIS *355M*	2MASS *470M*	11 min	51 min	58 GB	1 hour 2 min
GLIMPSE *104M*	NOMAD *1.1 billion*	6 min	17 min	19 GB	23 min
SIMBAD *7M*	USNOB1 *1 billion*	3 min	1 min	1 GB	4 min
List of *40k*	SIMBAD *7M*	1 second	4 seconds	10 MB	5 sec

http://cdsxmatch.u-strasbg.fr/xmatch/doc/

Aladin

HiPS : Hierarchical Progressive Surveys



Hierarchical tiling mechanism of:

- images
- catalogues
- data cubes

Allows to:

- access
- visualize
- browse

New ! HiPS cube

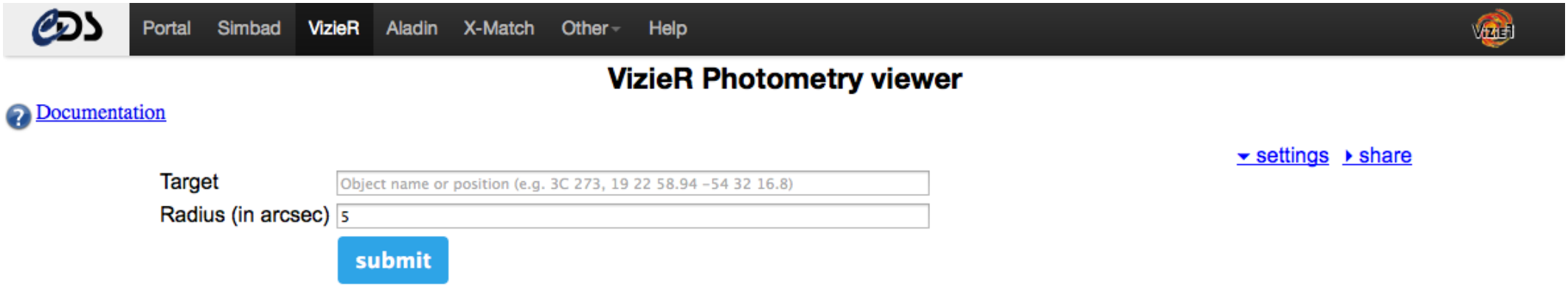
Planck (2D)

CGPS (3d)

- 84 data cubes
- 3D: 272 Channels

Future: towards a time series viewer?

Reminder of photometric viewer



Access to data by:

- Name
- Cone search, radius

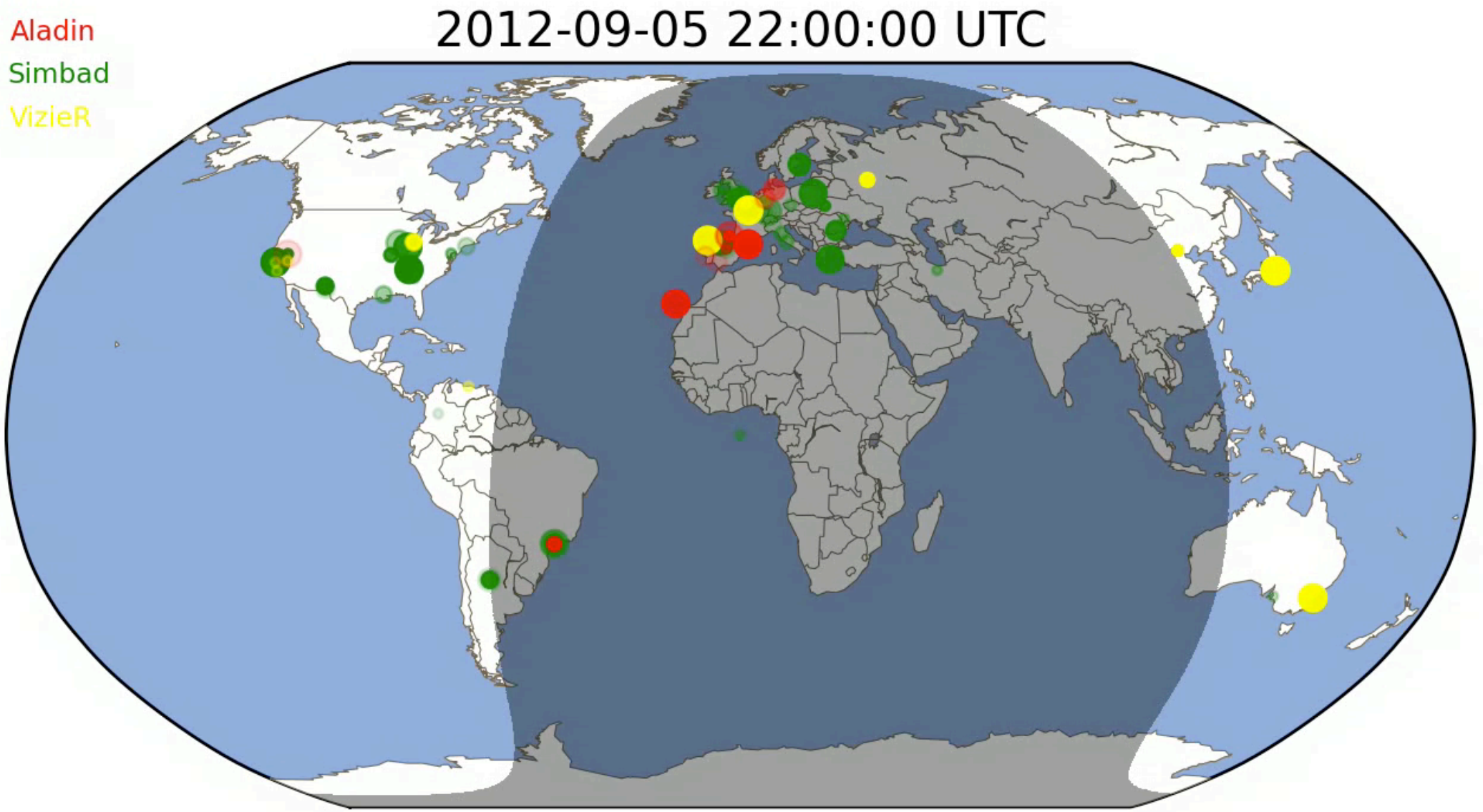
Requirements of time series viewer:

- Photometric data should be associated to time of observation
- Standardization of time - partly done
- Any other requirement?

Gaia as predecessor

Conclusions

- CDS is a good vehicle for disseminating the data
- Added value:
  - Longterm curation
  - Excellent visibility
  - VO-compatible
- Several ways of accessing data (VizieR, Aladin, X-match)
- Interoperability with other services (e.g. TOPCAT)



http://cdsweb.u-strasbg.fr/~boch/24-hours-queries/24-hours-queries-at-CDS.mov