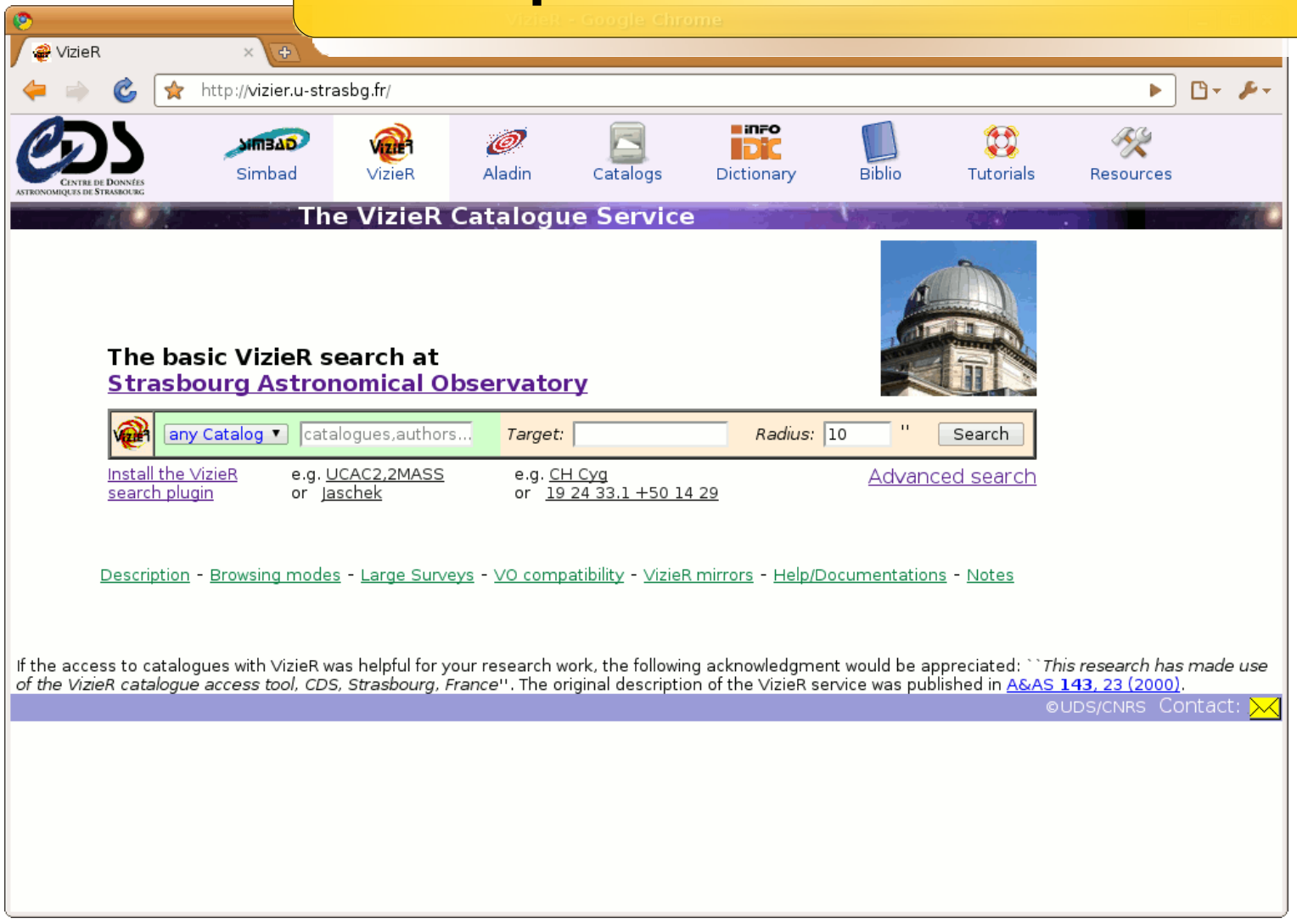
Basic tutorial

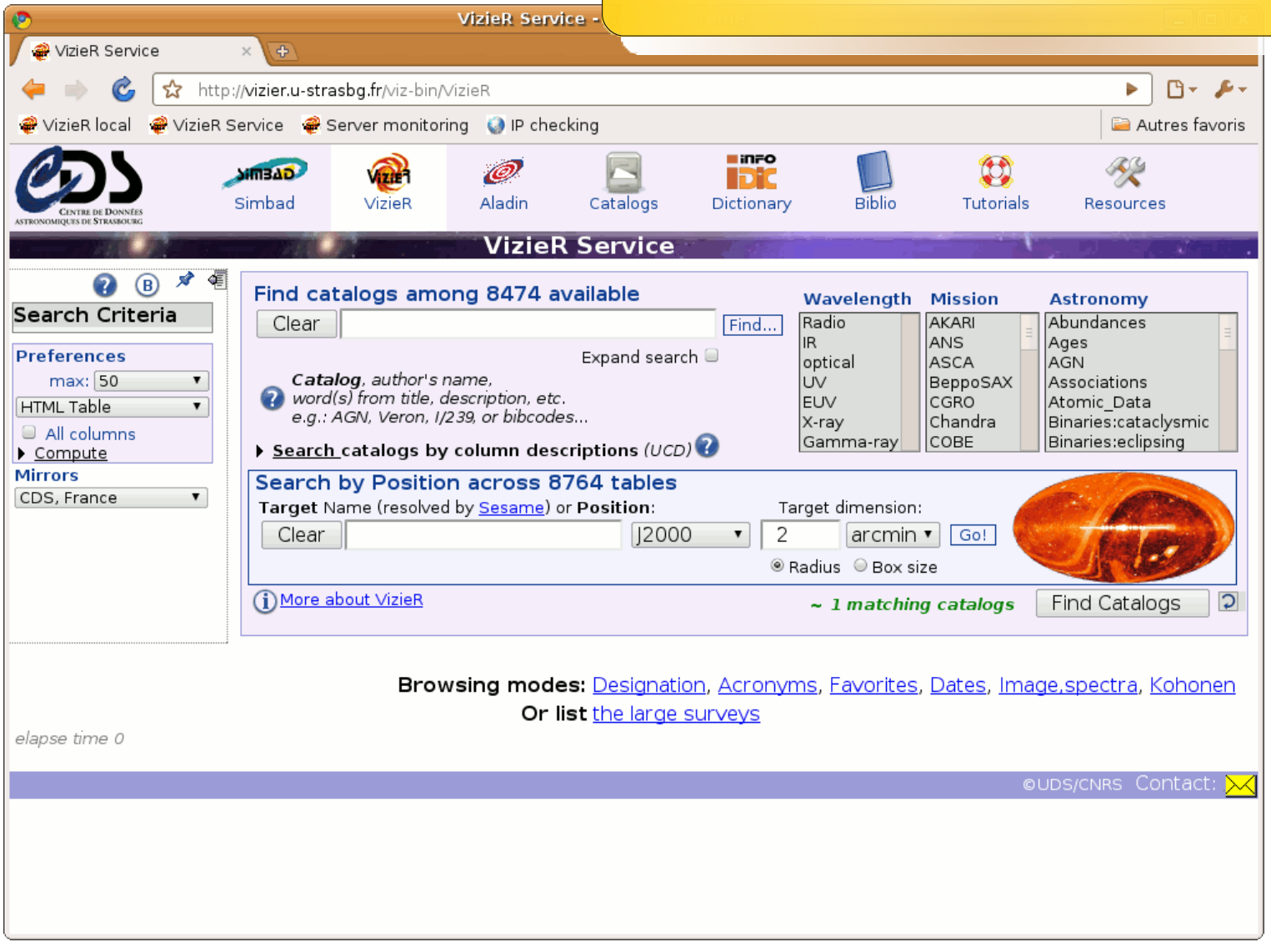
The VizieR service contains:
> 8900 catalogues, published tables,
and observation logs
This tutorial shows basic query
examples
using the webpage interface

http://vizier.u-strasbg.fr

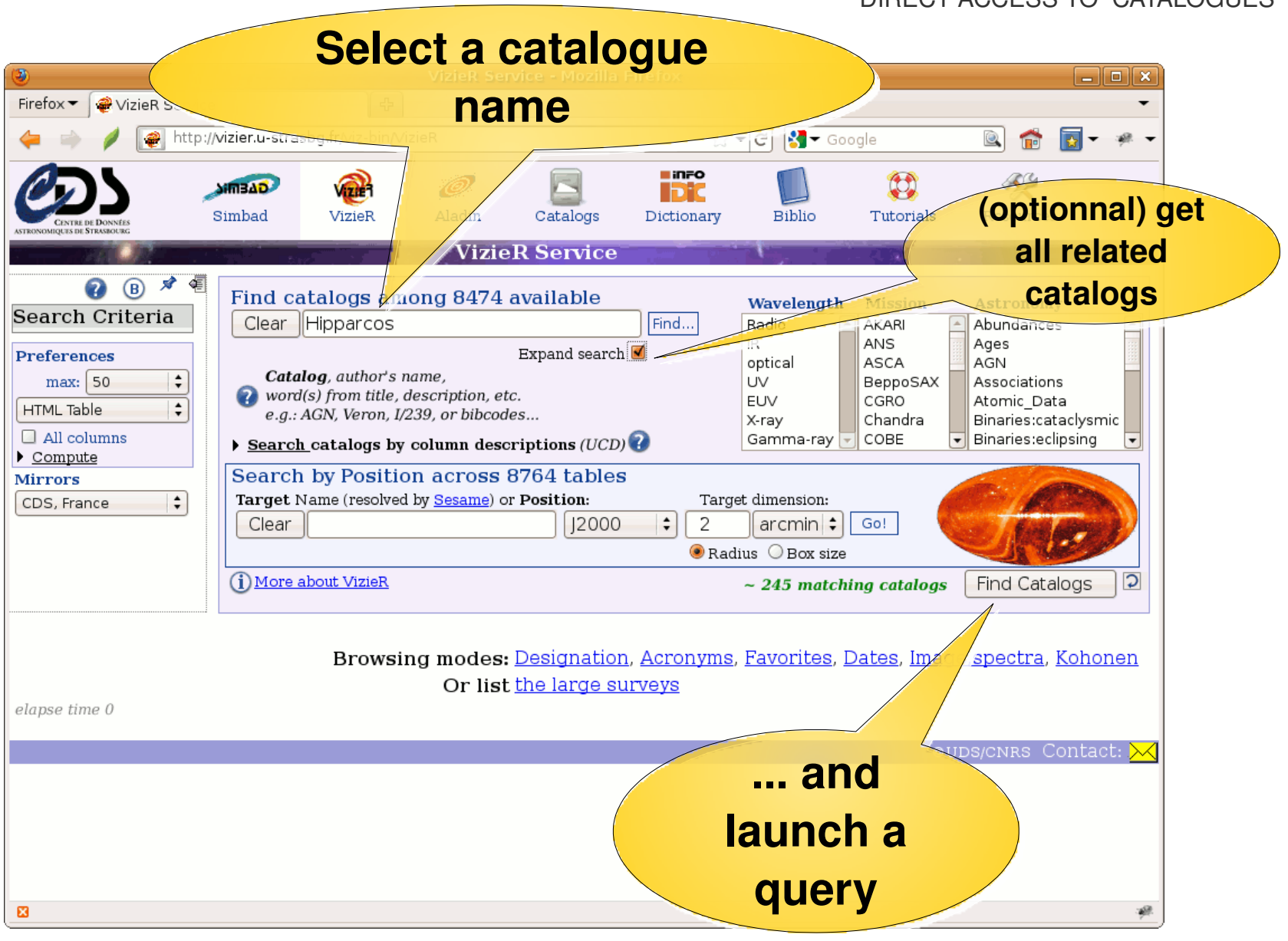
The simplified VizieR search interface



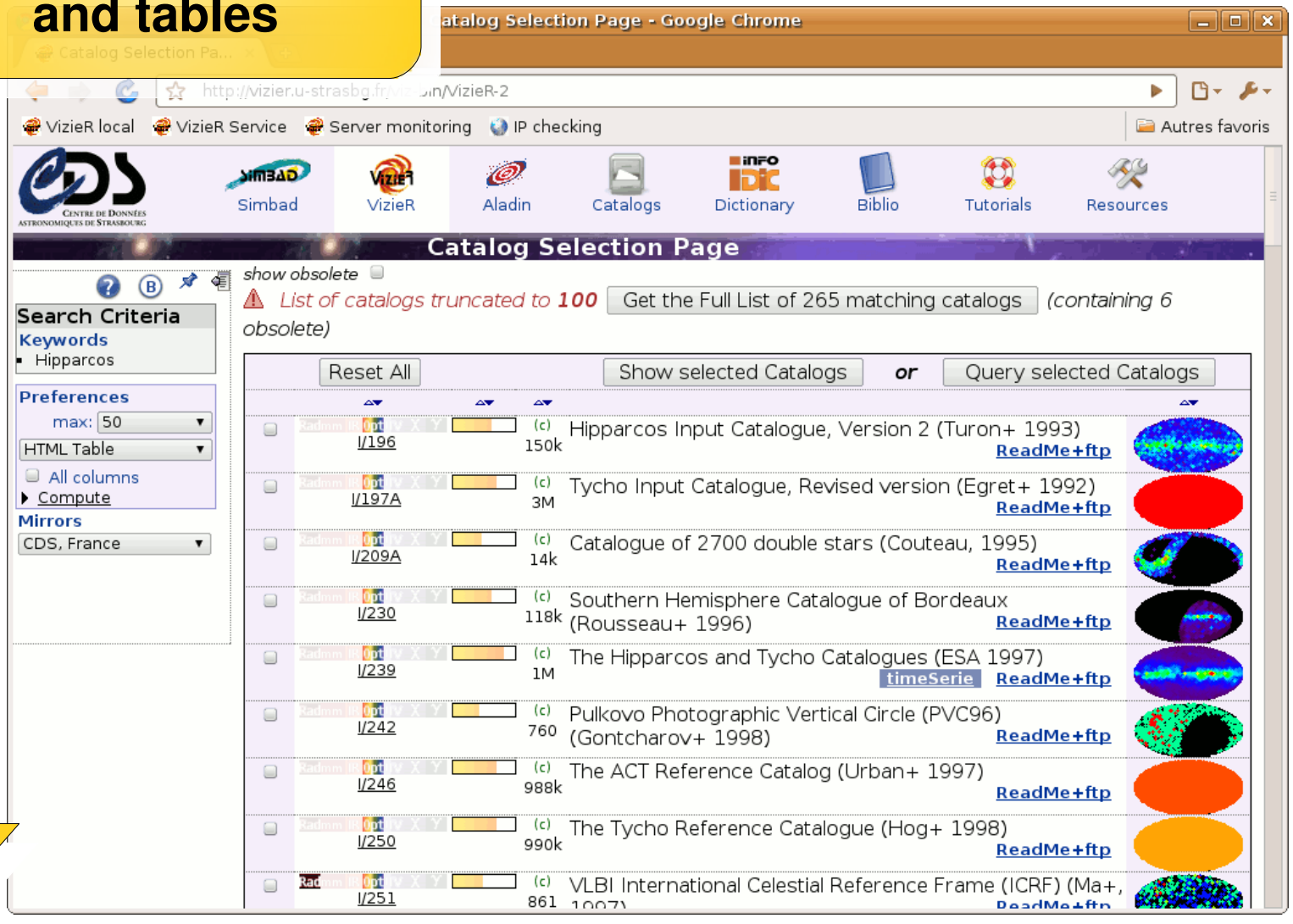
The full VizieR search interface

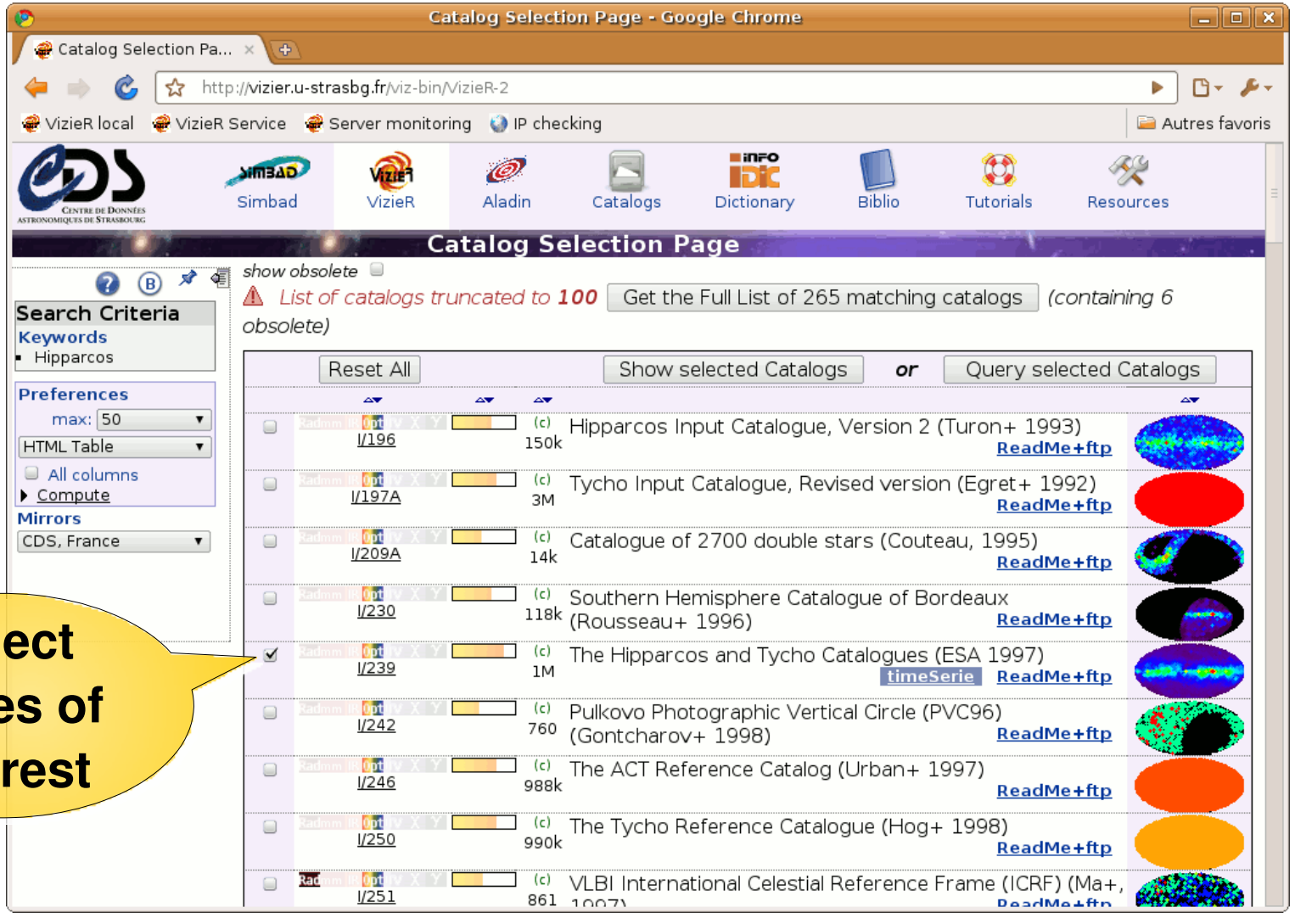


DIRECT ACCESS TO CATALOGUES


Select a catalogue name
(optionnal) get all related catalogs
... and launch a query
VizieR Service
Find catalogs among 8474 available
Clear
Hipparcos
Find...
Expand search
Search Criteria
Preferences
max: 50
HTML Table
All columns
Compute
Mirrors
CDS, France
Catalog, author's name,
word(s) from title, description, etc.
e.g.: AGN, Veron, I/239, or bibcodes...
Search catalogs by column descriptions (UCD)
Wavelength
Mission
optical
UV
EUV
X-ray
Gamma-ray
AKARI
ANS
ASCA
BeppoSAX
CGRO
Chandra
COBE
Abundances
Ages
AGN
Associations
Atomic_Data
Binaries:cataclysmic
Binaries:eclipsing
Search by Position across 8764 tables
Target Name (resolved by Sesame) or Position:
Target dimension:
Clear
J2000
2
arcmin
Go!
Radius
Box size
More about VizieR
~ 245 matching catalogs
Find Catalogs
Browsing modes: Designation, Acronyms, Favorites, Dates, spectra, Kohonen
Or list the large surveys
elapse time 0
Contact:

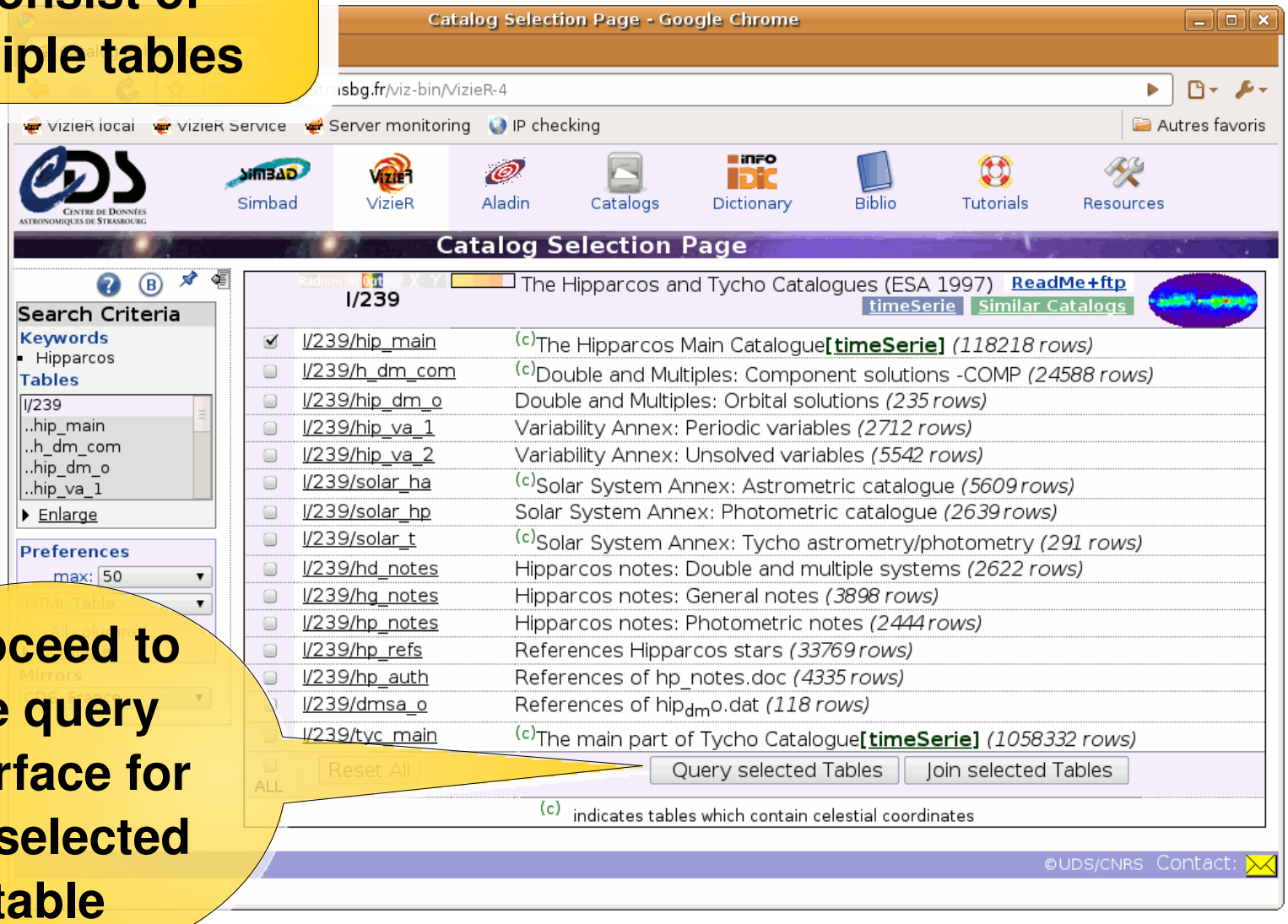
Relevant catalogues and tables





Select tables of interest

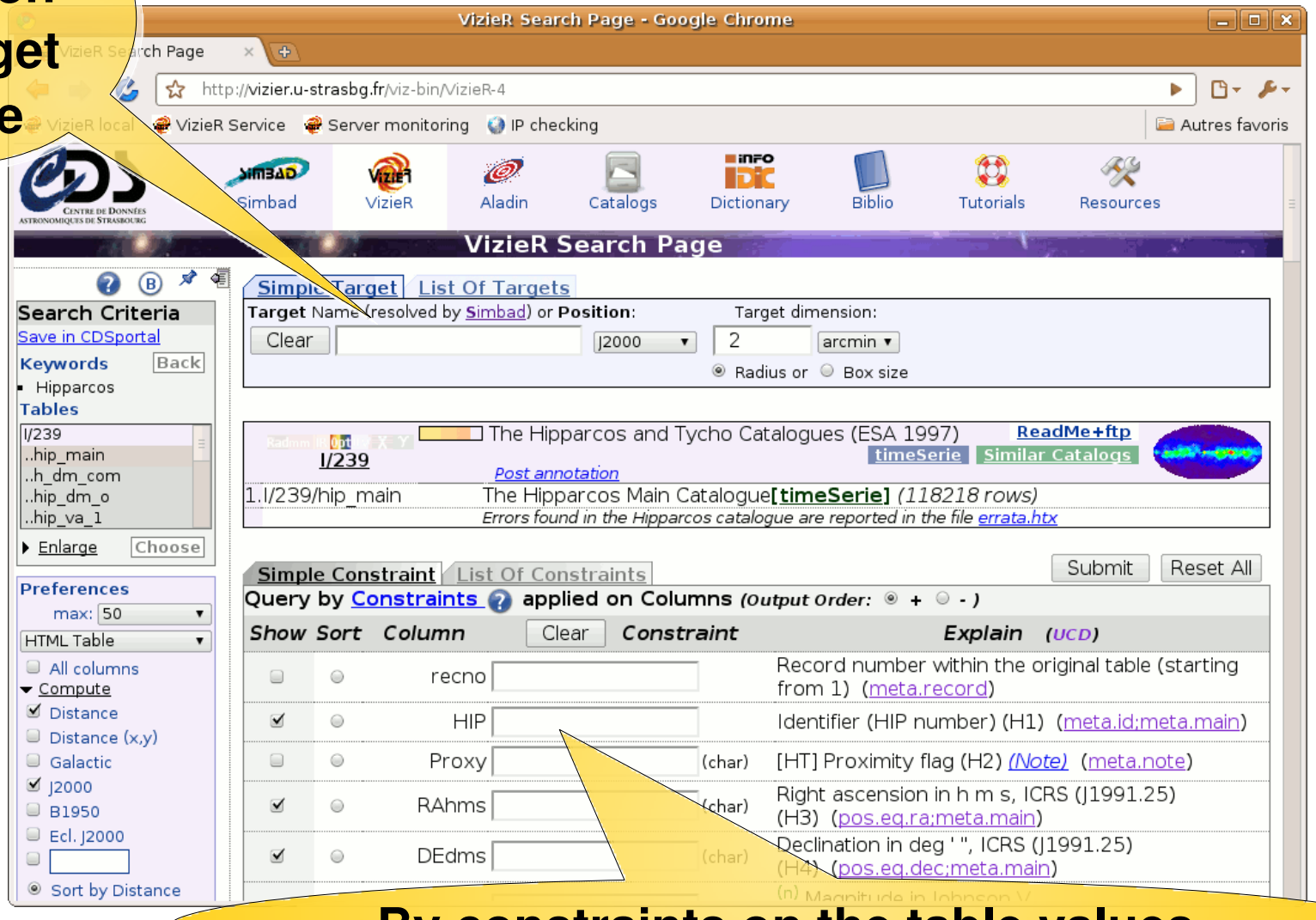
some catalogues consist of multiple tables



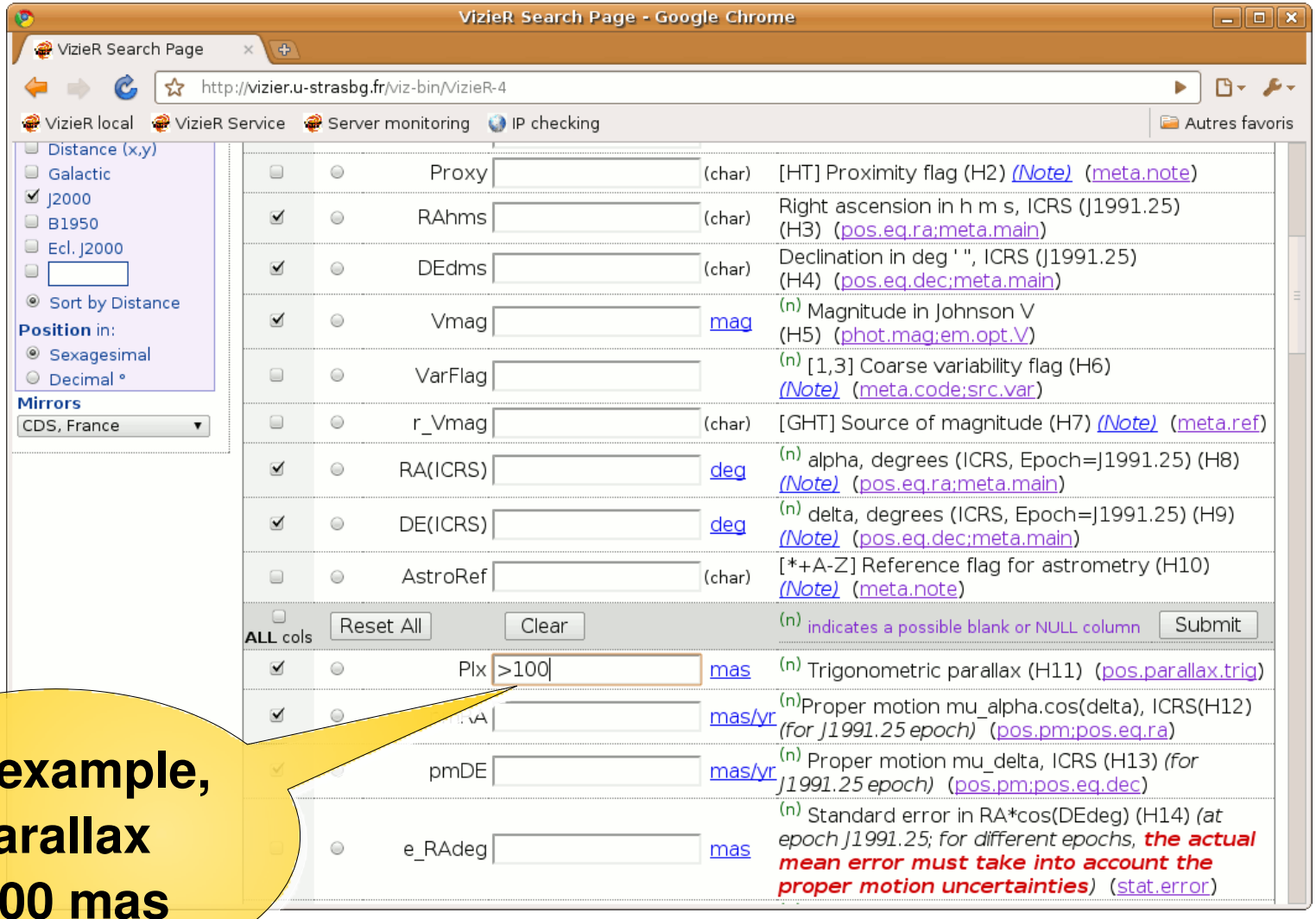
proceed to the query interface for the selected table

QUERY BY POSITION OR TARGET NAME

By position or target name

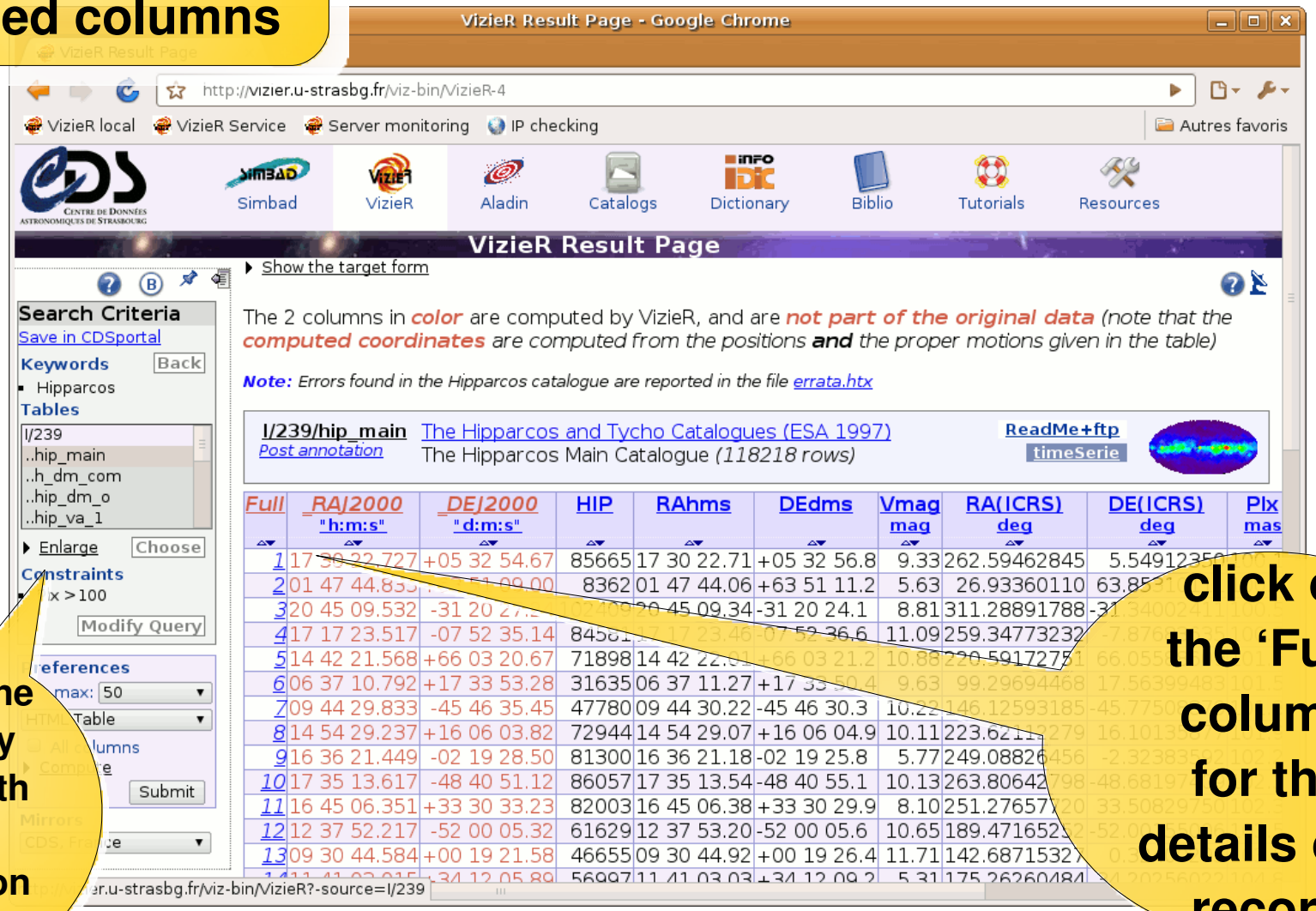


By constraints on the table values



For example, parallax >100 mas

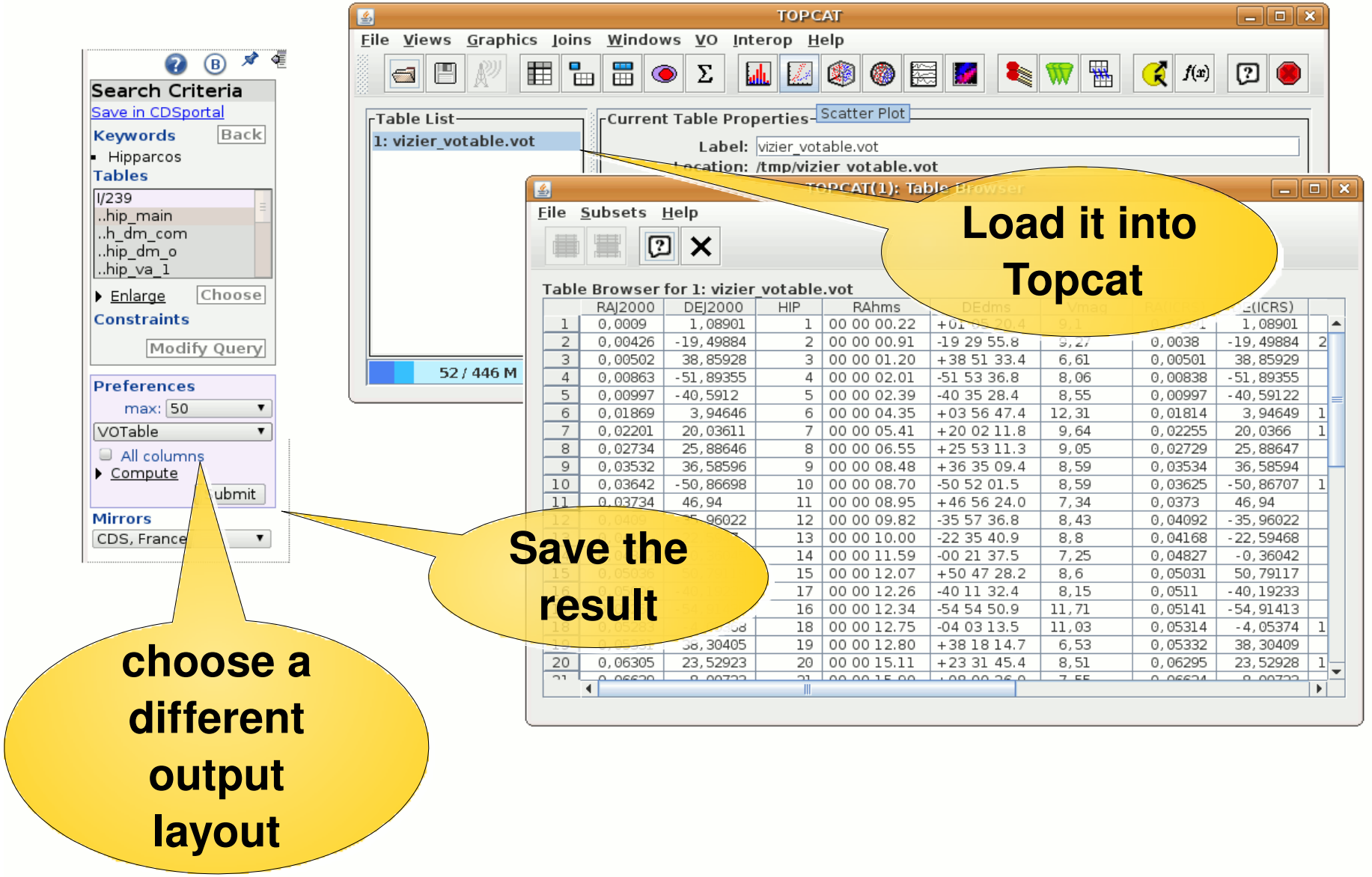
the result shows the table with the selected columns

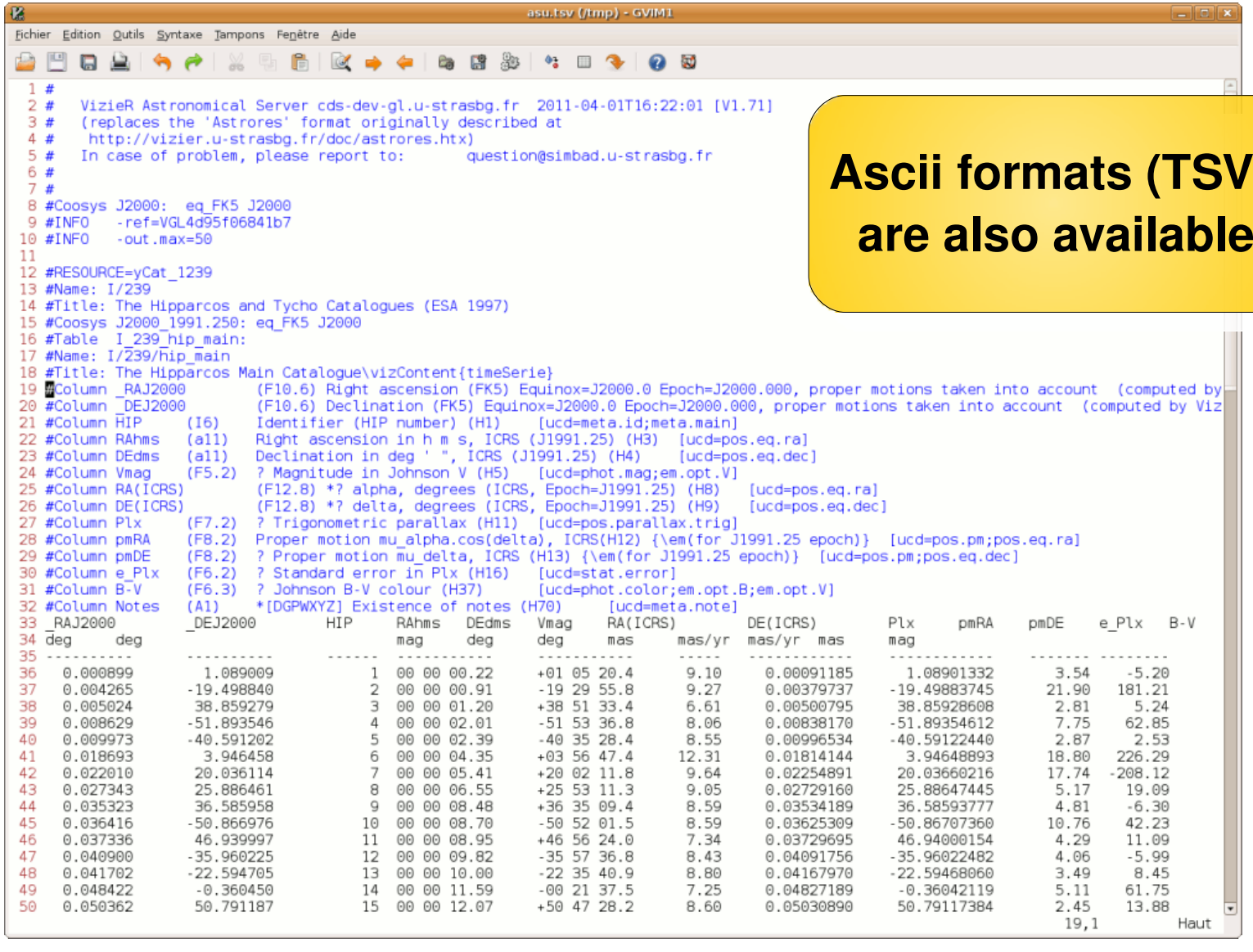


Adjust the result by using with the navigation bar

click on the 'Full' column for the details of a record

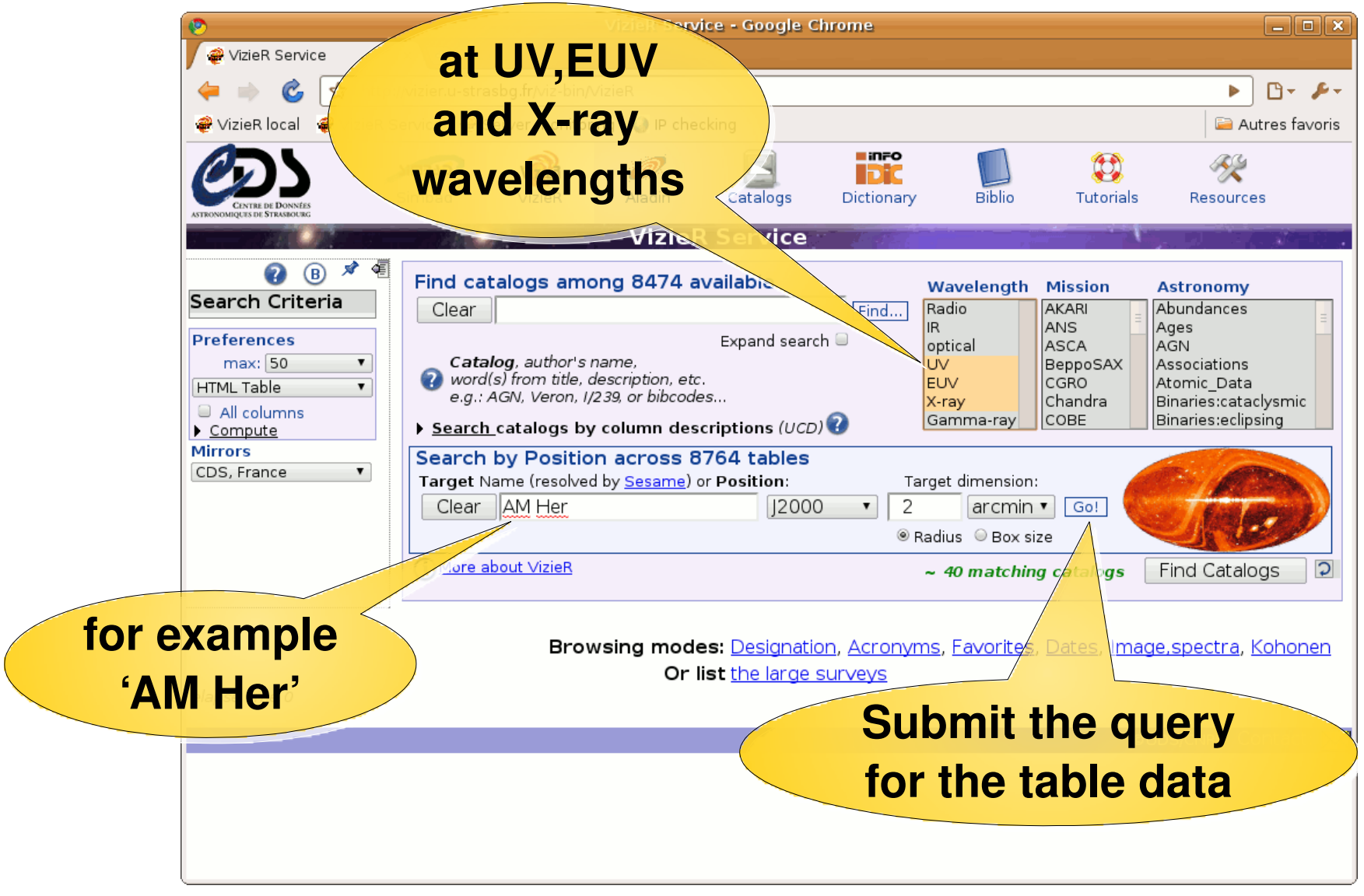
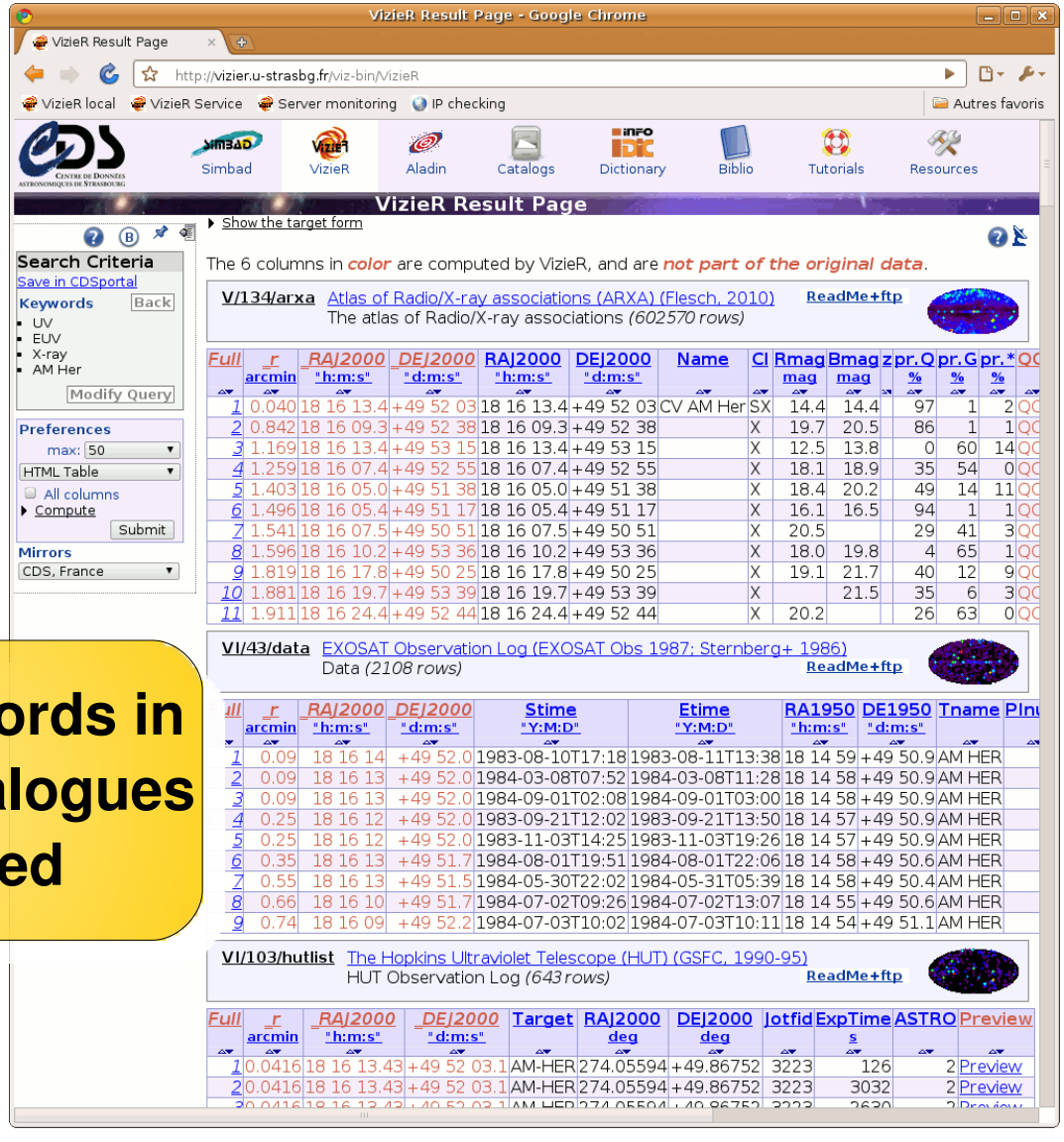
the detailed record with explanations


Search Criteria
Save in CDSportal
Keywords
Back
Hipparcos
Tables
I/239
..hip_main
..h_dm_com
..hip_dm_o
..hip_va_1
Enlarge
Choose
Constraints
Modify Query
Preferences
max: 50
VOTable
All columns
Compute
ubmit
Mirrors
CDS, France
TOPCAT
File Views Graphics Joins Windows VO Interop Help
Table List
1: vizier_votable.vot
Current Table Properties
Scatter Plot
Label: vizier_votable.vot
52 / 446 M
TOPCAT(1): Table Browser
File Subsets Help
Table Browser for 1: vizier_votable.vot
RAJ2000 DEJ2000 HIP RAhms DEdms Vmag (ICRS)
1 0,0009 1,08901 1 00 00 00.22 +01 05 20.4 1,08901
2 0,00426 -19,49884 2 00 00 00.91 -19 29 55.8 0,0038 -19,49884
3 0,00502 38,85928 3 00 00 01.20 +38 51 33.4 6,61 0,00501 38,85929
4 0,00863 -51,89355 4 00 00 02.01 -51 53 36.8 8,06 0,00838 -51,89355
5 0,00997 -40,5912 5 00 00 02.39 -40 35 28.4 8,55 0,00997 -40,59122
6 0,01869 3,94646 6 00 00 04.35 +03 56 47.4 12,31 0,01814 3,94649
7 0,02201 20,03611 7 00 00 05.41 +20 02 11.8 9,64 0,02255 20,0366
8 0,02734 25,88646 8 00 00 06.55 +25 53 11.3 9,05 0,02729 25,88647
9 0,03532 36,58596 9 00 00 08.48 +36 35 09.4 8,59 0,03534 36,58594
10 0,03642 -50,86698 10 00 00 08.70 -50 52 01.5 8,59 0,03625 -50,86707
11 0,03734 46,94 11 00 00 08.95 +46 56 24.0 7,34 0,0373 46,94
12 0,04092 -35,96022 12 00 00 09.82 -35 57 36.8 8,43 0,04092 -35,96022
13 00 00 10.00 -22 35 40.9 8,8 0,04168 -22,59468
14 00 00 11.59 -00 21 37.5 7,25 0,04827 -0,36042
15 00 00 12.07 +50 47 28.2 8,6 0,05031 50,79117
17 00 00 12.26 -40 11 32.4 8,15 0,0511 -40,19233
16 00 00 12.34 -54 54 50.9 11,71 0,05141 -54,91413
18 00 00 12.75 -04 03 13.5 11,03 0,05314 -4,05374
19 00 00 12.80 +38 18 14.7 6,53 0,05332 38,30409
20 0,06305 23,52923 20 00 00 15.11 +23 31 45.4 8,51 0,06295 23,52928
Load it into Topcat
Save the result
choose a different output layout



Ascii formats (TSV) are also available

QUERY AROUND AN OBJECT


at UV,EUV and X-ray wavelengths
for example 'AM Her'
Submit the query for the table data
VizieR Service - Google Chrome
VizieR Service
VizieR local
Autres favoris
Catalogs
Dictionary
Biblio
Tutorials
Resources
Search Criteria
Preferences
max: 50
HTML Table
All columns
Compute
Mirrors
CDS, France
Find catalogs among 8474 available
Clear
Find...
Expand search
Catalog, author's name,
word(s) from title, description, etc.
e.g.: AGN, Veron, I/239, or bibcodes...
Search catalogs by column descriptions (UCD)
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 8764 tables
Target Name (resolved by Sesame) or Position:
Clear
AM Her
J2000
Target dimension:
2
arcmin
Go!
Radius
Box size
Find Catalogs
Browsing modes: Designation, Acronyms, Favorites, Dates, Image,spectra, Kohonen
Or list the large surveys

The relevant records in all matching catalogues are presented