GhoSST interface

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Annual ASOV Meeting
17th January 2012

A lot of work since last year!

Enhancement of some parts

- graphes
- searches
- detailed pages

New components

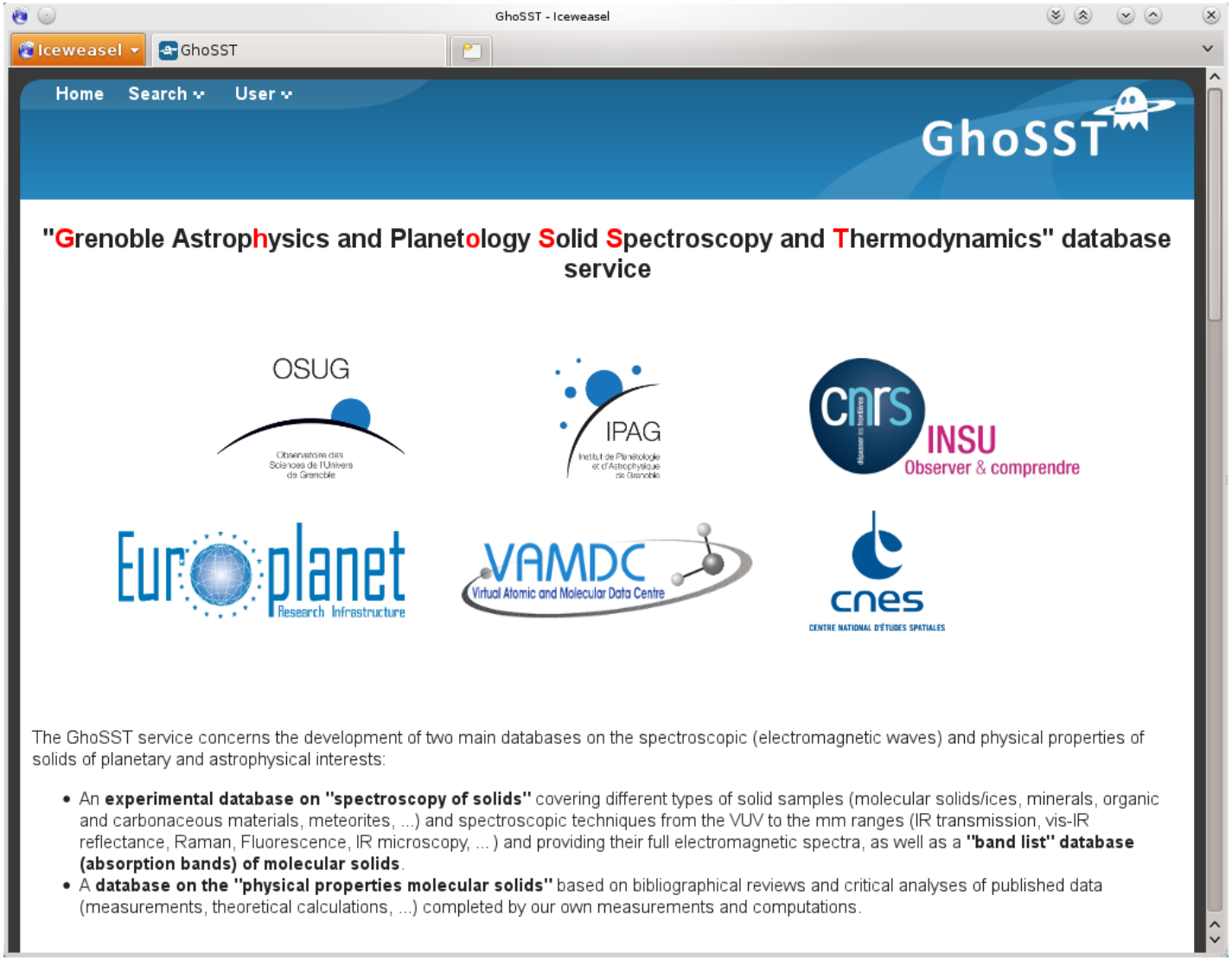
- export
- unit conversion
- statistics

Beta-test

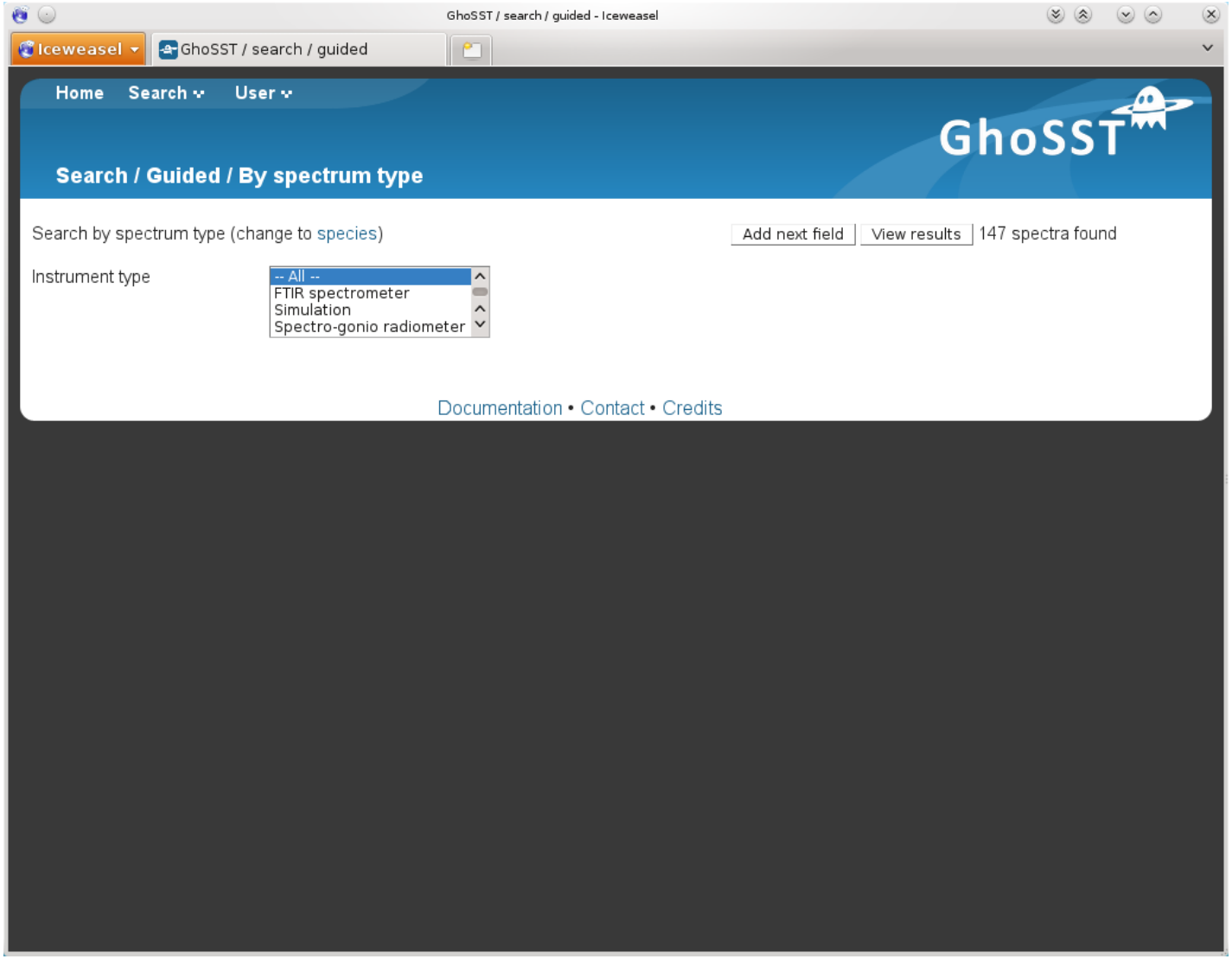
- `http://ghosst-prod.obs.ujf-grenoble.fr`

Outline

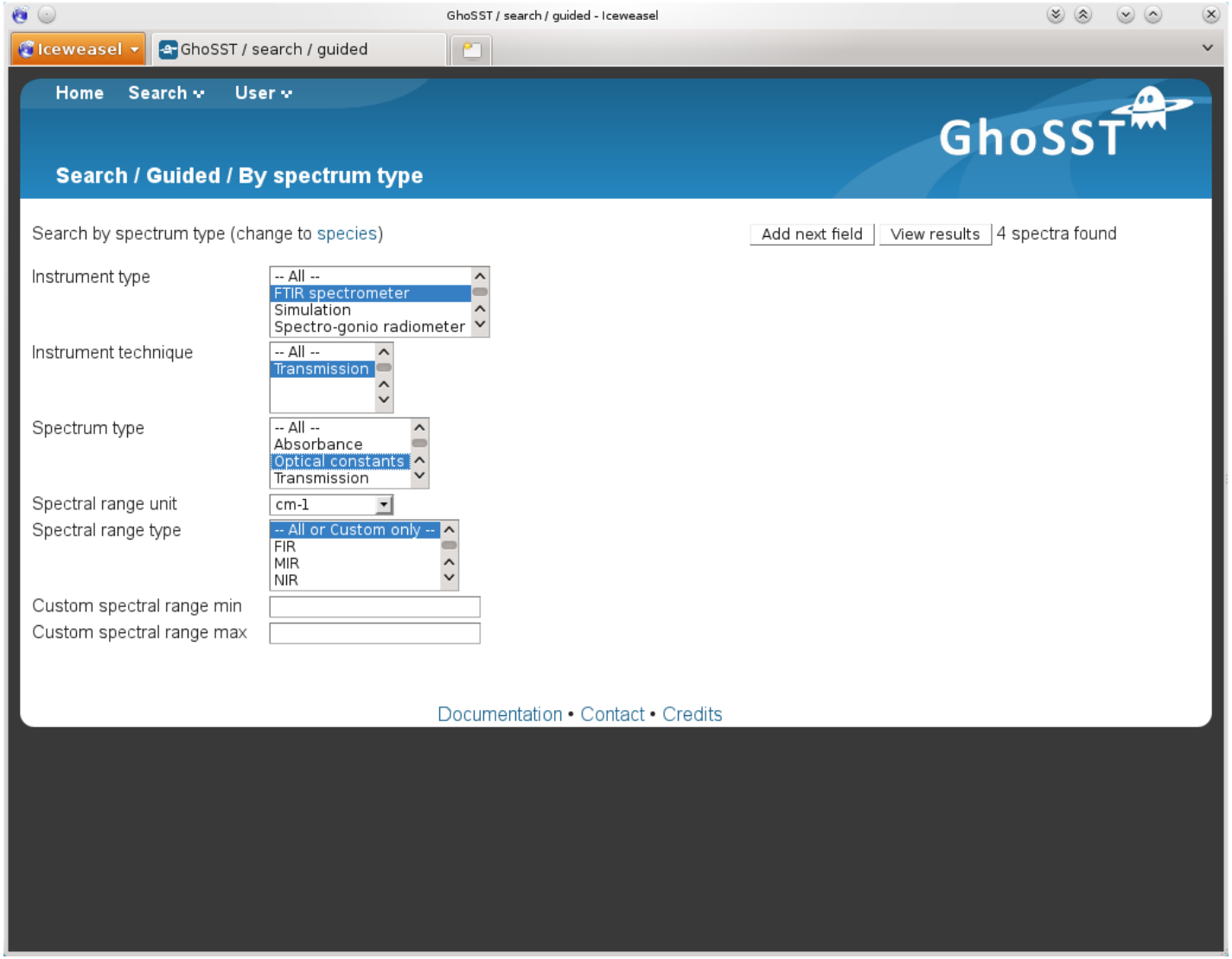
Home page


GhoSST - Iceweasel
Iceweasel
GhoSST
Home
Search
User
GhoSST
"Grenoble Astrophysics and Planetology Solid Spectroscopy and Thermodynamics" database service
OSUG
IPAG
cnrs
INSU
Observer & comprendre
Europlanet
Research Infrastructure
VAMDC
Virtual Atomic and Molecular Data Centre
cnes
CENTRE NATIONAL D'ÉTUDES SPATIALES
The GhoSST service concerns the development of two main databases on the spectroscopic (electromagnetic waves) and physical properties of solids of planetary and astrophysical interests:
An experimental database on "spectroscopy of solids" covering different types of solid samples (molecular solids/ices, minerals, organic and carbonaceous materials, meteorites, ...) and spectroscopic techniques from the VUV to the mm ranges (IR transmission, vis-IR reflectance, Raman, Fluorescence, IR microscopy, ...) and providing their full electromagnetic spectra, as well as a "band list" database (absorption bands) of molecular solids.
A database on the "physical properties molecular solids" based on bibliographical reviews and critical analyses of published data (measurements, theoretical calculations, ...) completed by our own measurements and computations.

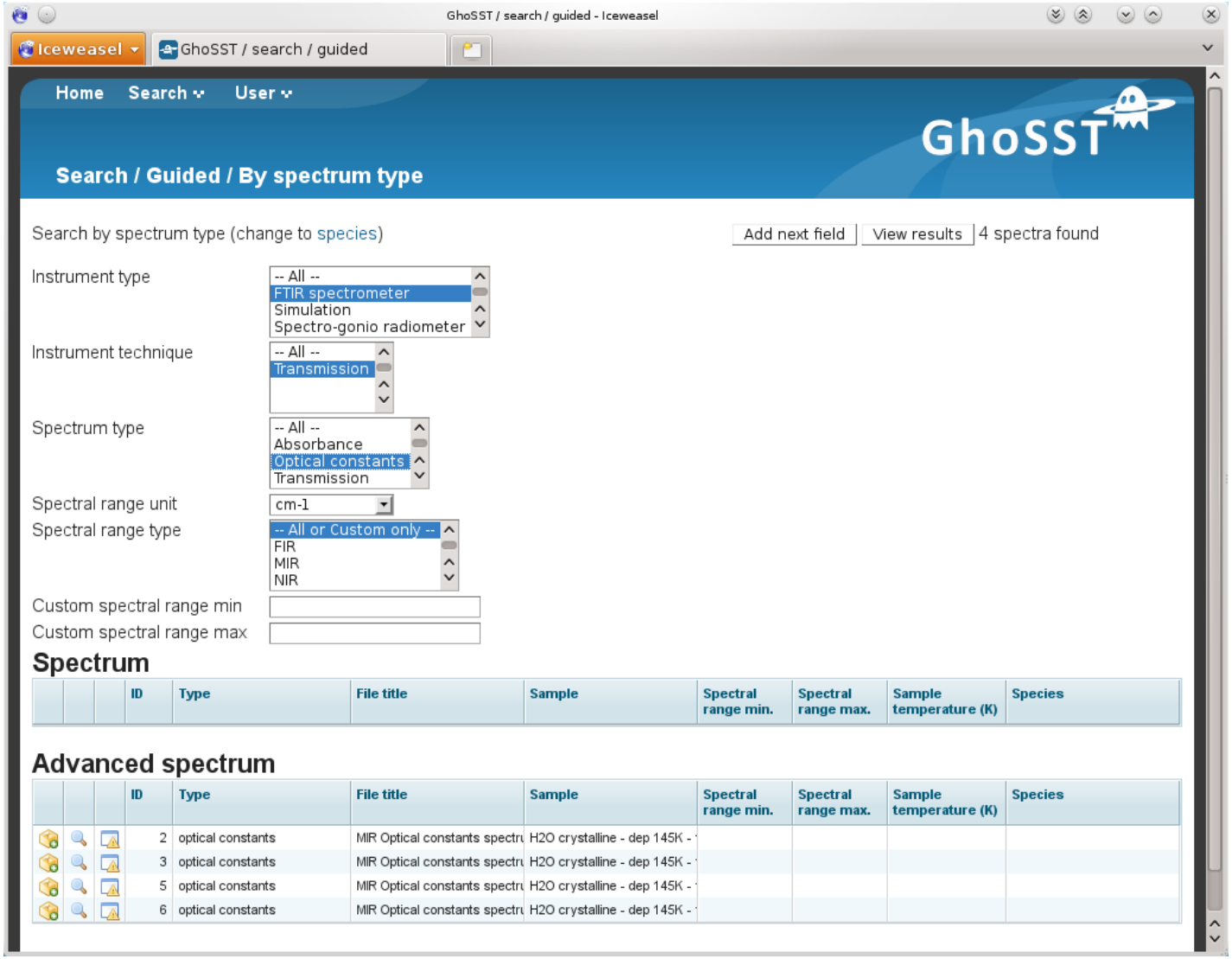
Guided search



Guided search



Guided search



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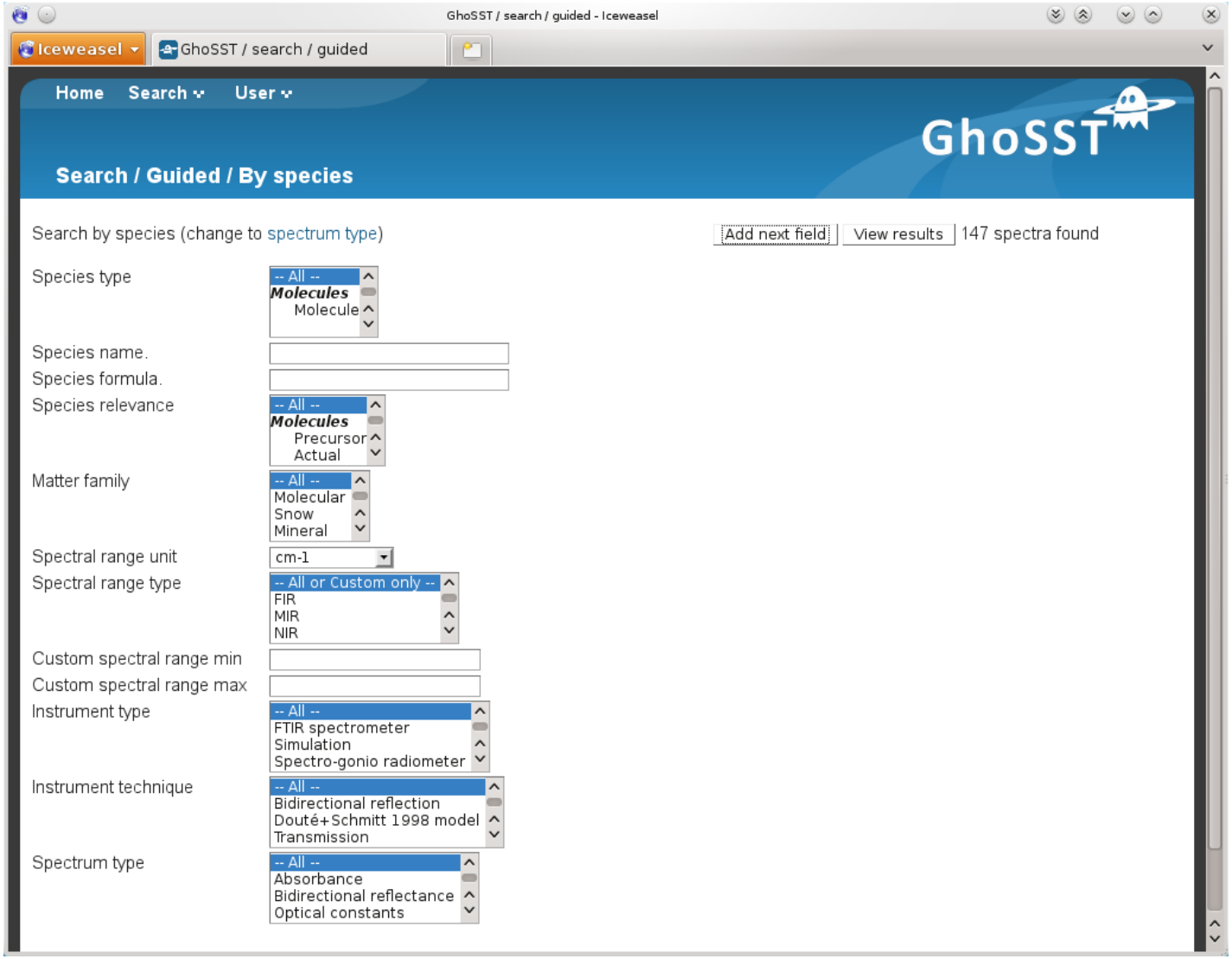

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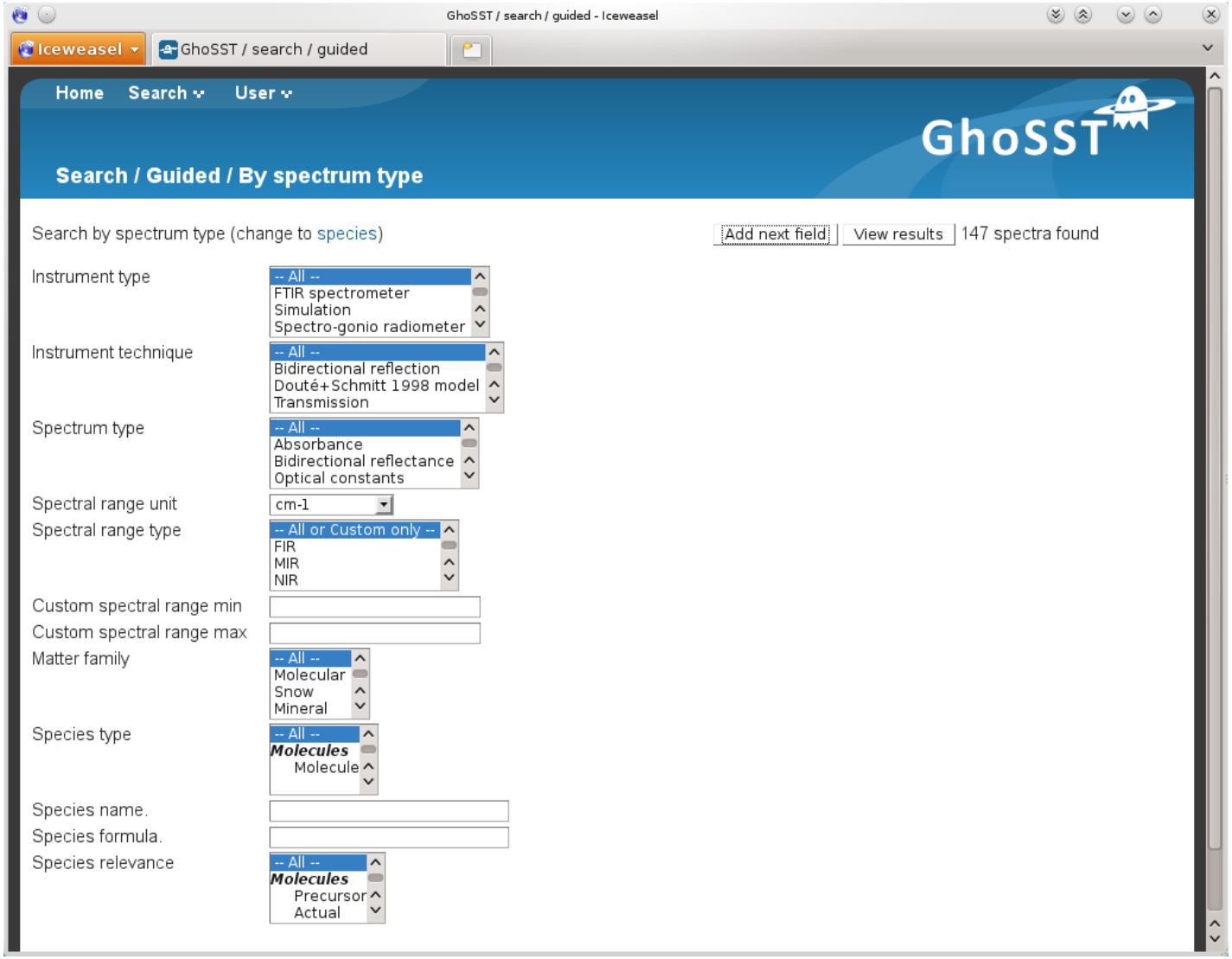
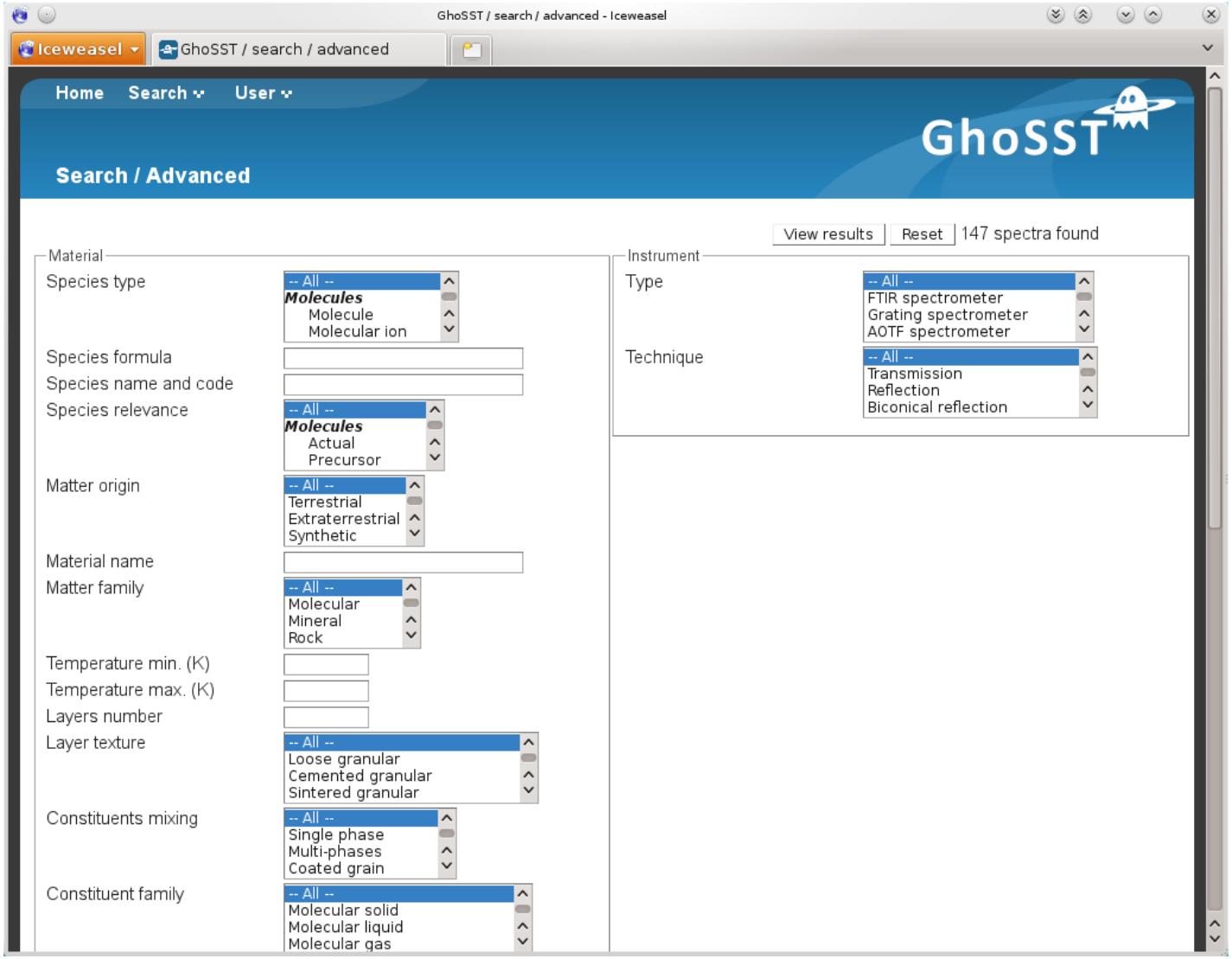


Advanced search



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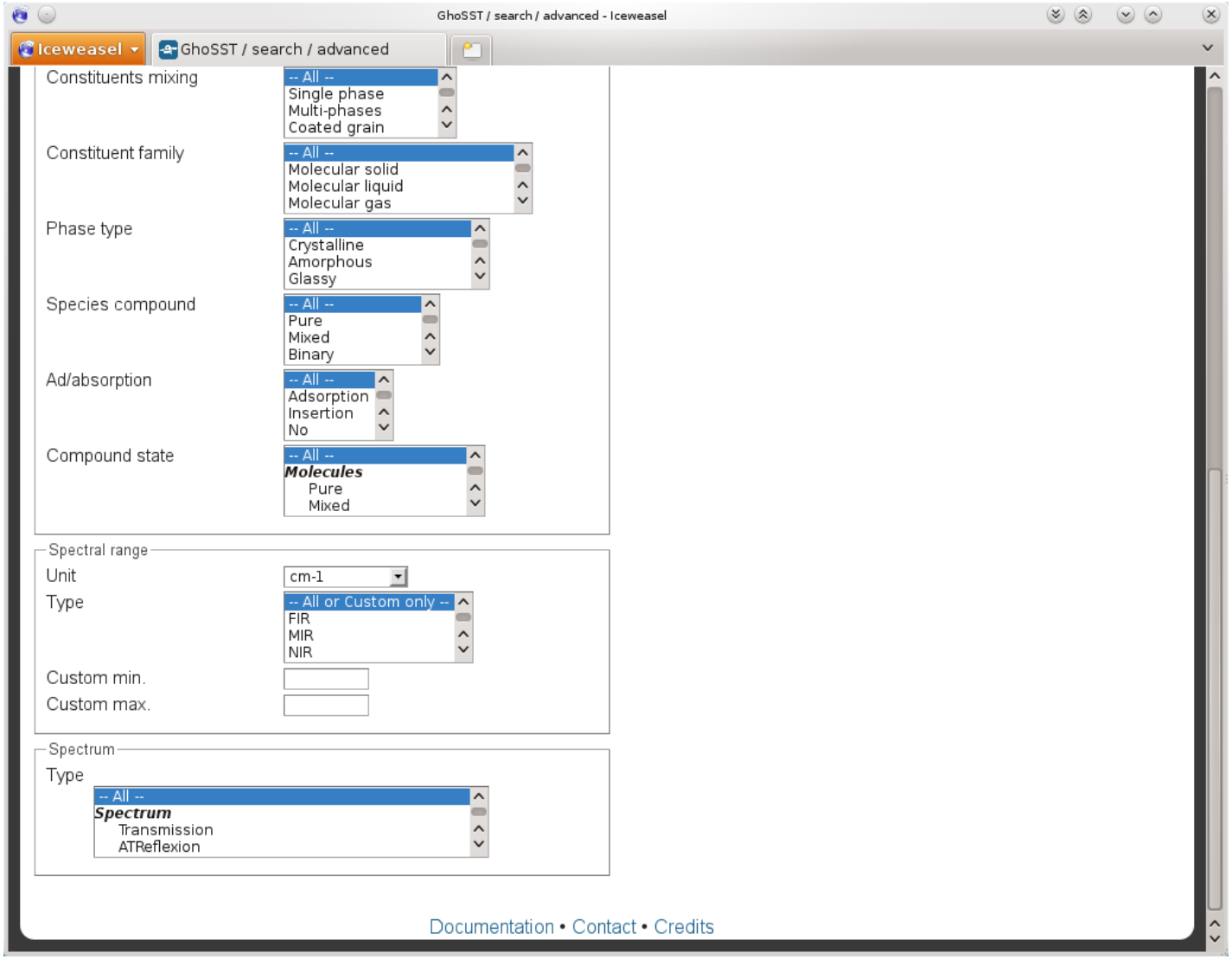

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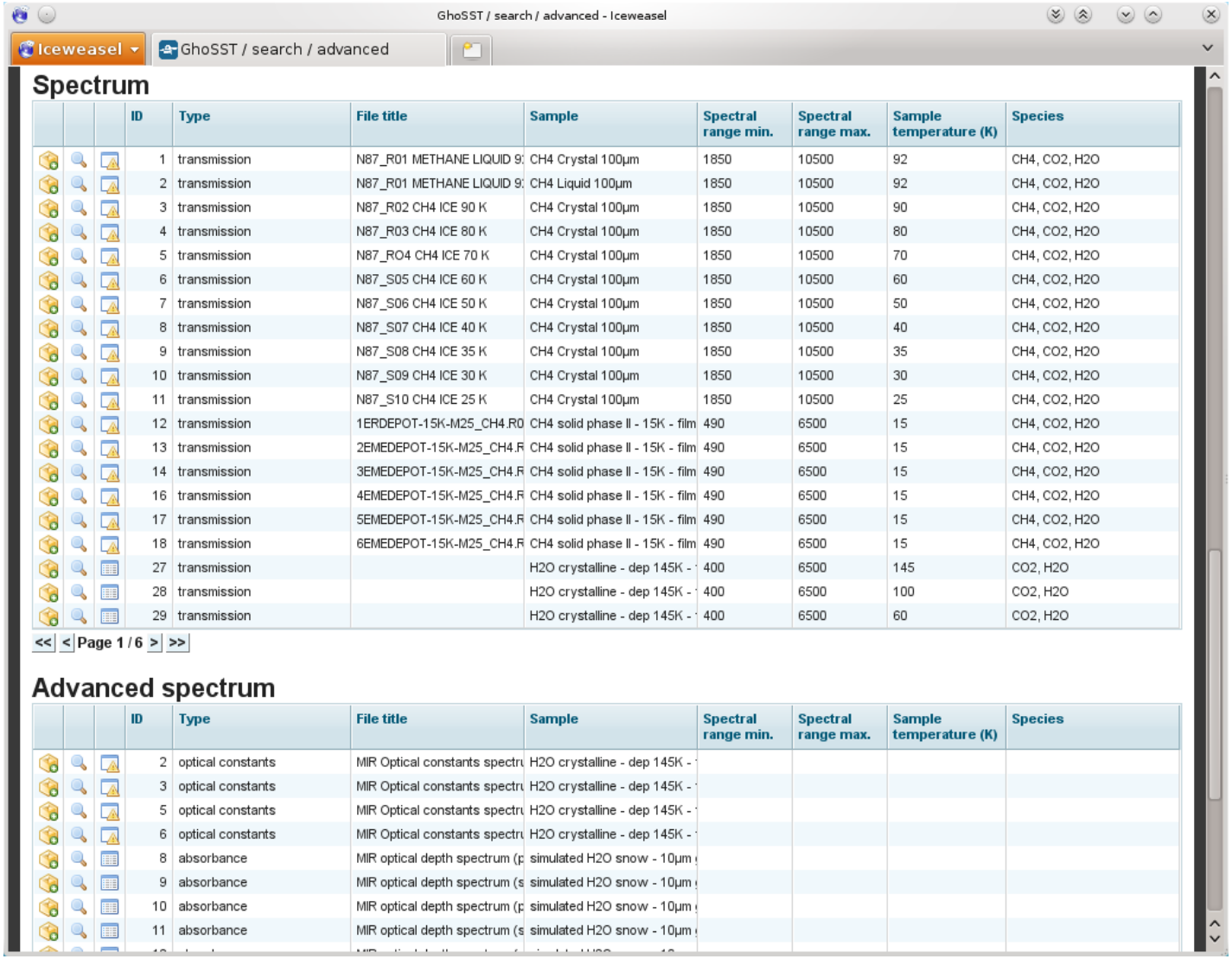


Spectrum

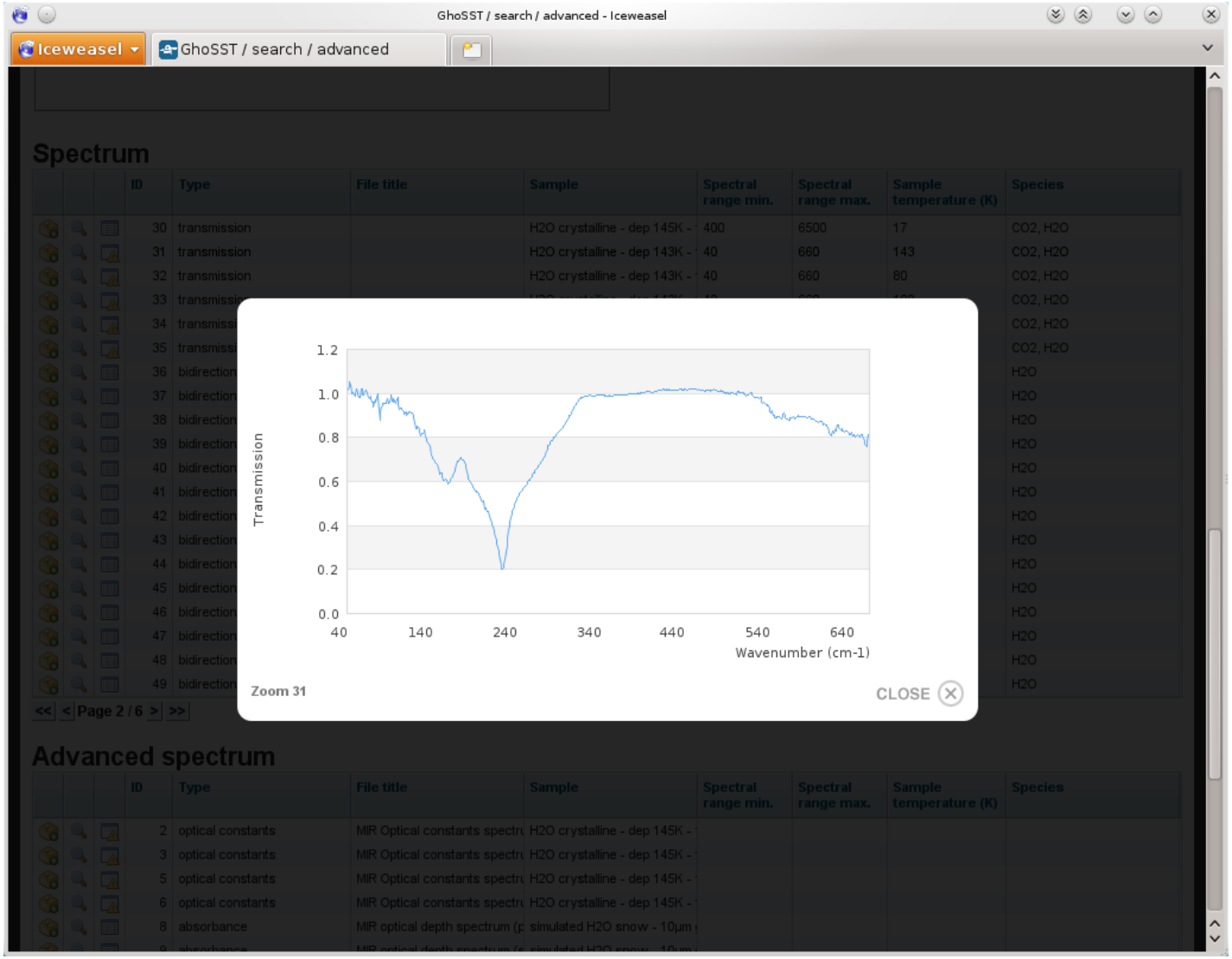
ID	Type	File title	Sample	Spectral range min.	Spectral range max.	Sample temperature (K)	Species
1	transmission	N87_R01 METHANE LIQUID 9	CH4 Crystal 100µm	1850	10500	92	CH4, CO2, H2O
2	transmission	N87_R01 METHANE LIQUID 9	CH4 Liquid 100µm	1850	10500	92	CH4, CO2, H2O
3	transmission	N87_R02 CH4 ICE 90 K	CH4 Crystal 100µm	1850	10500	90	CH4, CO2, H2O
4	transmission	N87_R03 CH4 ICE 80 K	CH4 Crystal 100µm	1850	10500	80	CH4, CO2, H2O
5	transmission	N87_RO4 CH4 ICE 70 K	CH4 Crystal 100µm	1850	10500	70	CH4, CO2, H2O
6	transmission	N87_S05 CH4 ICE 60 K	CH4 Crystal 100µm	1850	10500	60	CH4, CO2, H2O
7	transmission	N87_S06 CH4 ICE 50 K	CH4 Crystal 100µm	1850	10500	50	CH4, CO2, H2O
8	transmission	N87_S07 CH4 ICE 40 K	CH4 Crystal 100µm	1850	10500	40	CH4, CO2, H2O
9	transmission	N87_S08 CH4 ICE 35 K	CH4 Crystal 100µm	1850	10500	35	CH4, CO2, H2O
10	transmission	N87_S09 CH4 ICE 30 K	CH4 Crystal 100µm	1850	10500	30	CH4, CO2, H2O
11	transmission	N87_S10 CH4 ICE 25 K	CH4 Crystal 100µm	1850	10500	25	CH4, CO2, H2O
12	transmission	1ERDEPOT-15K-M25_CH4.R0	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
13	transmission	2EMEDEPOT-15K-M25_CH4.R	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
14	transmission	3EMEDEPOT-15K-M25_CH4.R	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
16	transmission	4EMEDEPOT-15K-M25_CH4.R	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
17	transmission	5EMEDEPOT-15K-M25_CH4.R	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
18	transmission	6EMEDEPOT-15K-M25_CH4.R	CH4 solid phase II - 15K - film	490	6500	15	CH4, CO2, H2O
27	transmission		H2O crystalline - dep 145K -	400	6500	145	CO2, H2O
28	transmission		H2O crystalline - dep 145K -	400	6500	100	CO2, H2O
29	transmission		H2O crystalline - dep 145K -	400	6500	60	CO2, H2O

<< < Page 1 / 6 > >>

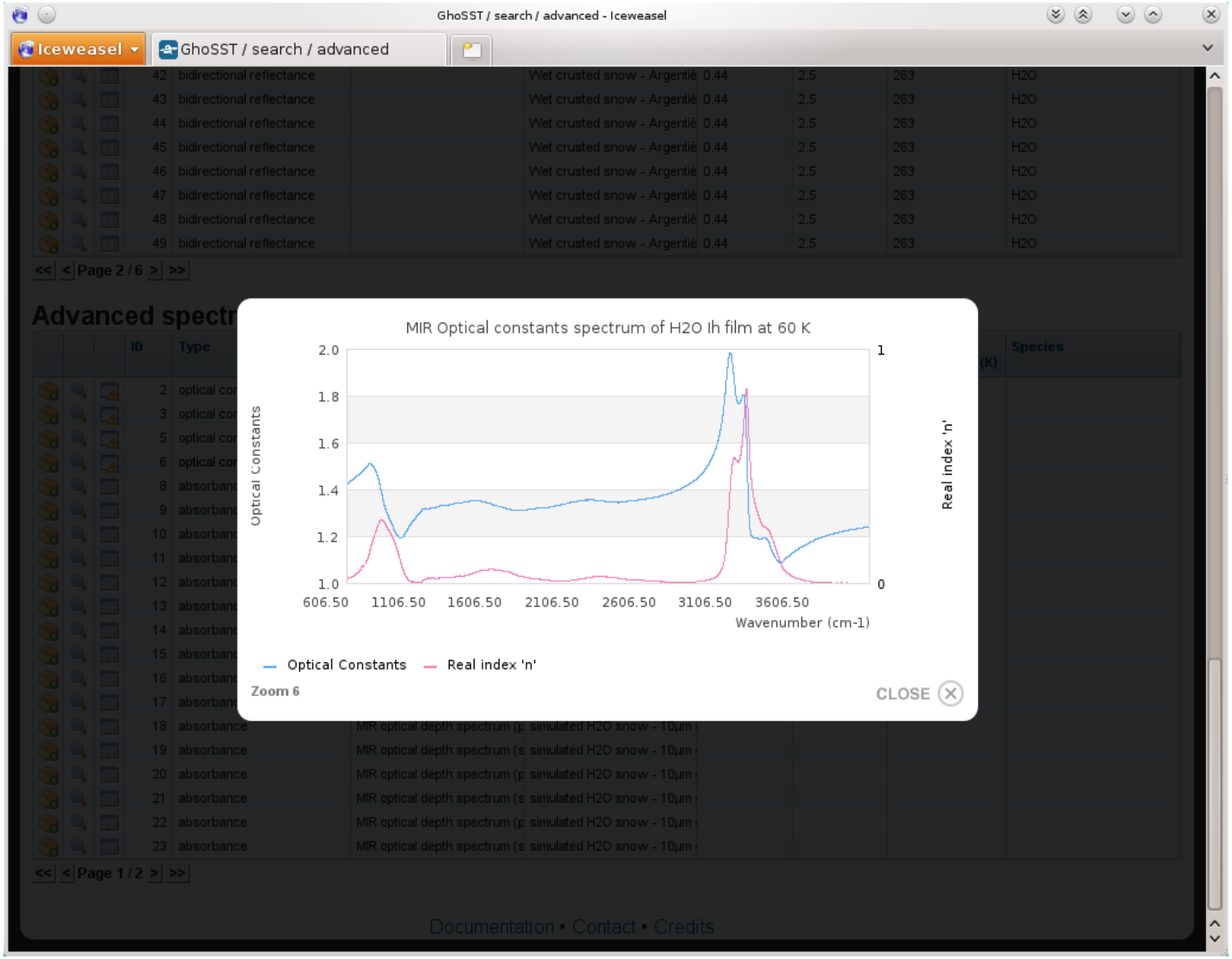
Advanced spectrum

ID	Type	File title	Sample	Spectral range min.	Spectral range max.	Sample temperature (K)	Species
2	optical constants	MIR Optical constants spectru	H2O crystalline - dep 145K -				
3	optical constants	MIR Optical constants spectru	H2O crystalline - dep 145K -				
5	optical constants	MIR Optical constants spectru	H2O crystalline - dep 145K -				
6	optical constants	MIR Optical constants spectru	H2O crystalline - dep 145K -				
8	absorbance	MIR optical depth spectrum (p	simulated H2O snow - 10µm				
9	absorbance	MIR optical depth spectrum (s	simulated H2O snow - 10µm				
10	absorbance	MIR optical depth spectrum (p	simulated H2O snow - 10µm				
11	absorbance	MIR optical depth spectrum (s	simulated H2O snow - 10µm				

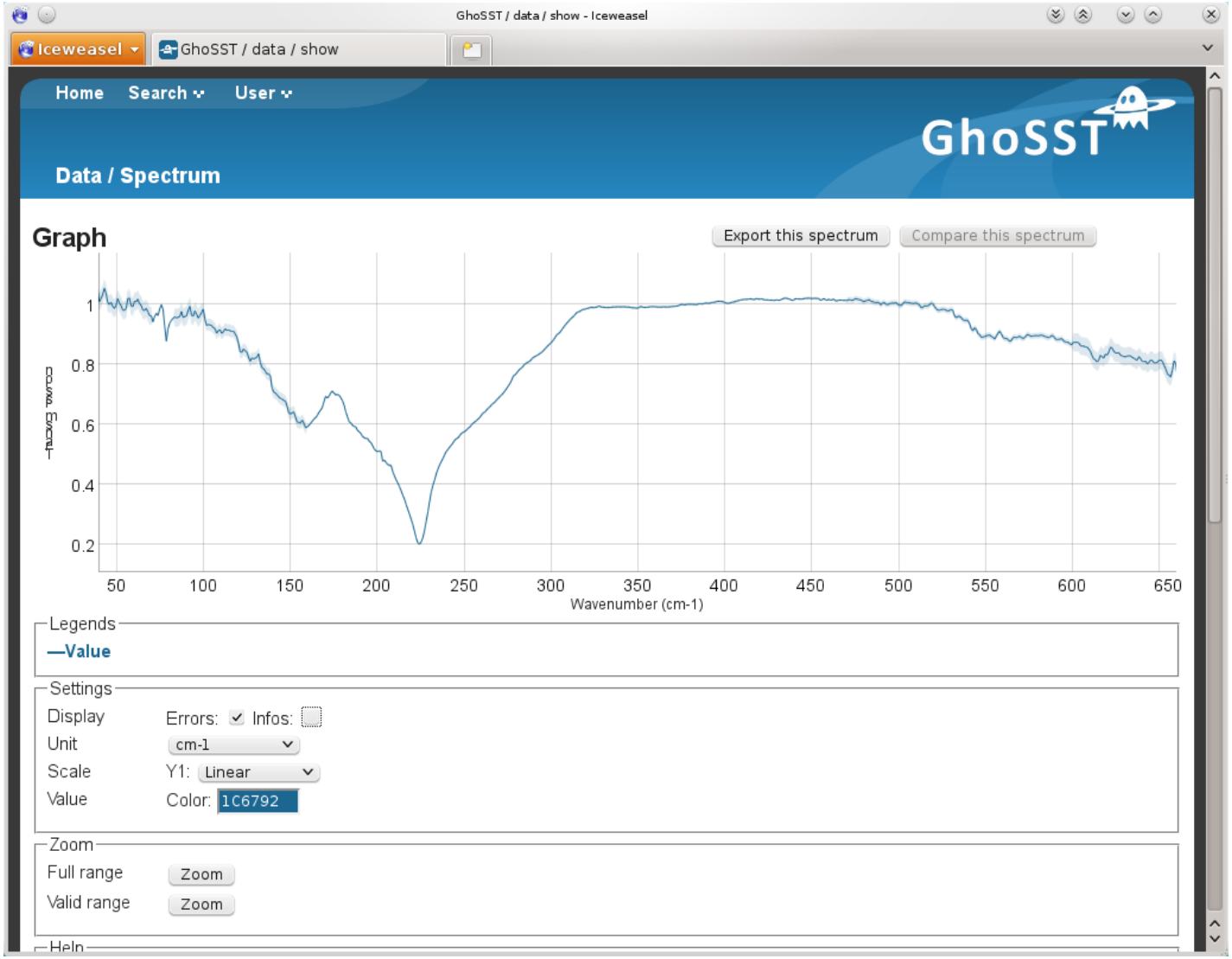
Advanced search



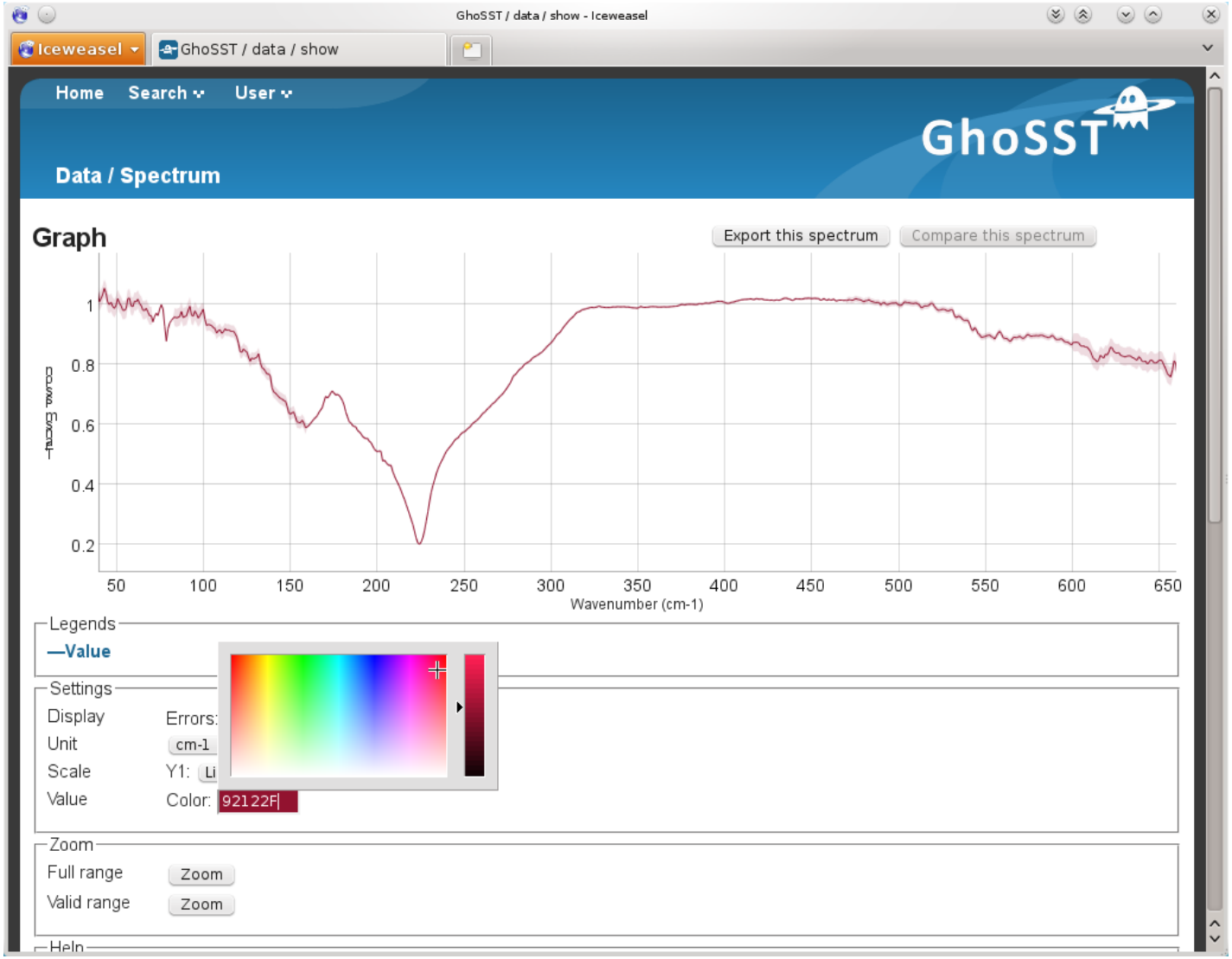
Advanced search



Spectrum


GhoSST / data / show - Iceweasel
Iceweasel
GhoSST / data / show
Home
Search
User
GhoSST
Data / Spectrum
Graph
Export this spectrum
Compare this spectrum
Transmittance
1
0.8
0.6
0.4
0.2
50
100
150
200
250
300
350
400
450
500
550
600
650
Wavenumber (cm-1)
Legends
—Value
Settings
Display
Errors:
Infos:
Unit
cm-1
Scale
Y1:
Linear
Value
Color:
1C6792
Zoom
Full range
Zoom
Valid range
Zoom
Help

Spectrum


GhoSST / data / show - Iceweasel
Iceweasel
GhoSST / data / show
Home
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GhoSST
Data / Spectrum
Graph
Export this spectrum
Compare this spectrum
Transmittance
1
0.8
0.6
0.4
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650
Wavenumber (cm-1)
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Errors:
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cm-1
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Color:
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Zoom
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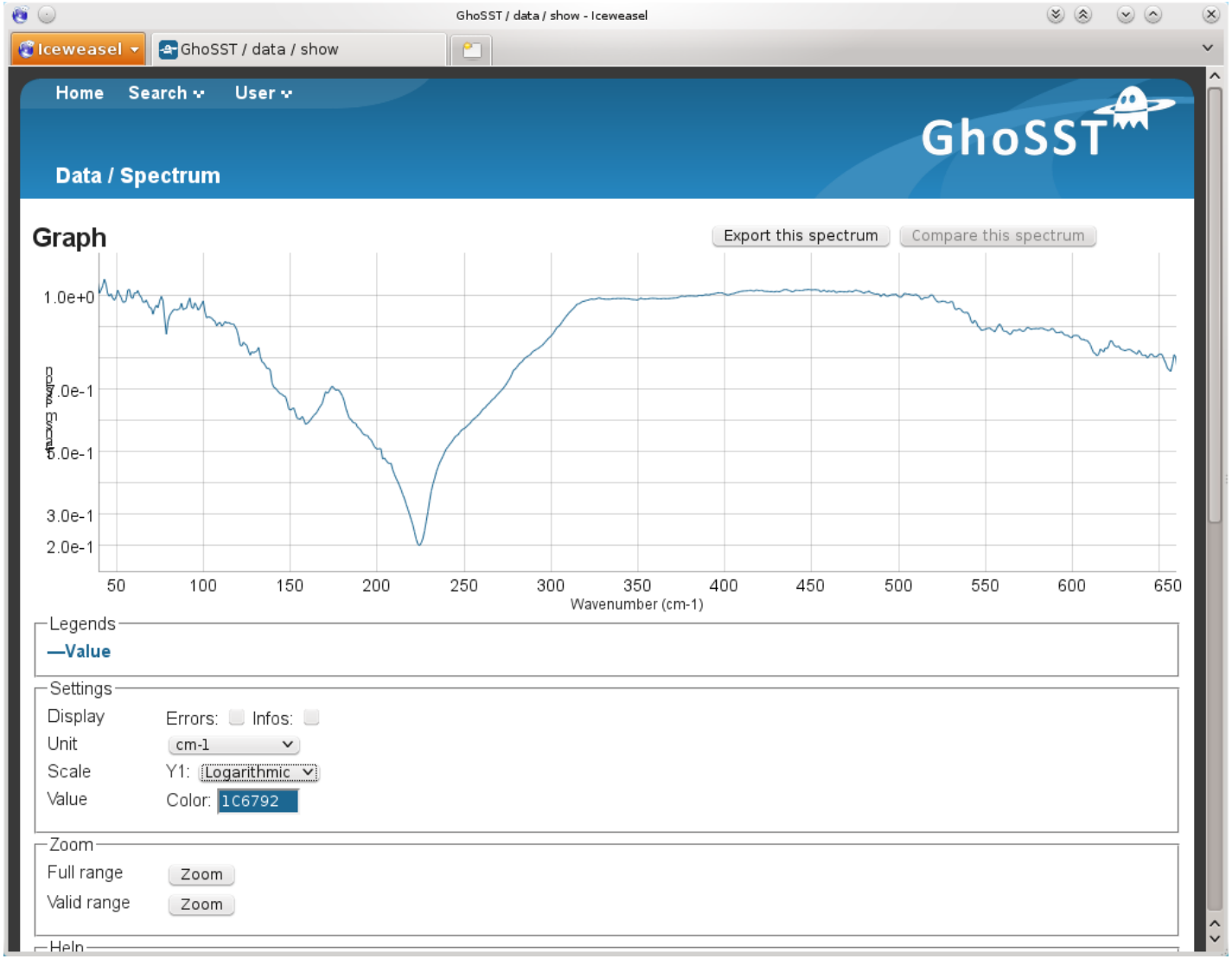
Zoom
Valid range
Zoom
Help

Spectrum


GhoSST / data / show - Iceweasel
Iceweasel
GhoSST / data / show
Home
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GhoSST
Data / Spectrum
Graph
Export this spectrum
Compare this spectrum
1.0e+0
7.0e-1
5.0e-1
3.0e-1
2.0e-1
50
100
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200
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500
550
600
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Wavenumber (cm-1)
Legends
—Value
Settings
Display
Errors:
Infos:
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cm-1
Scale
Y1:
Logarithmic
Value
Color:
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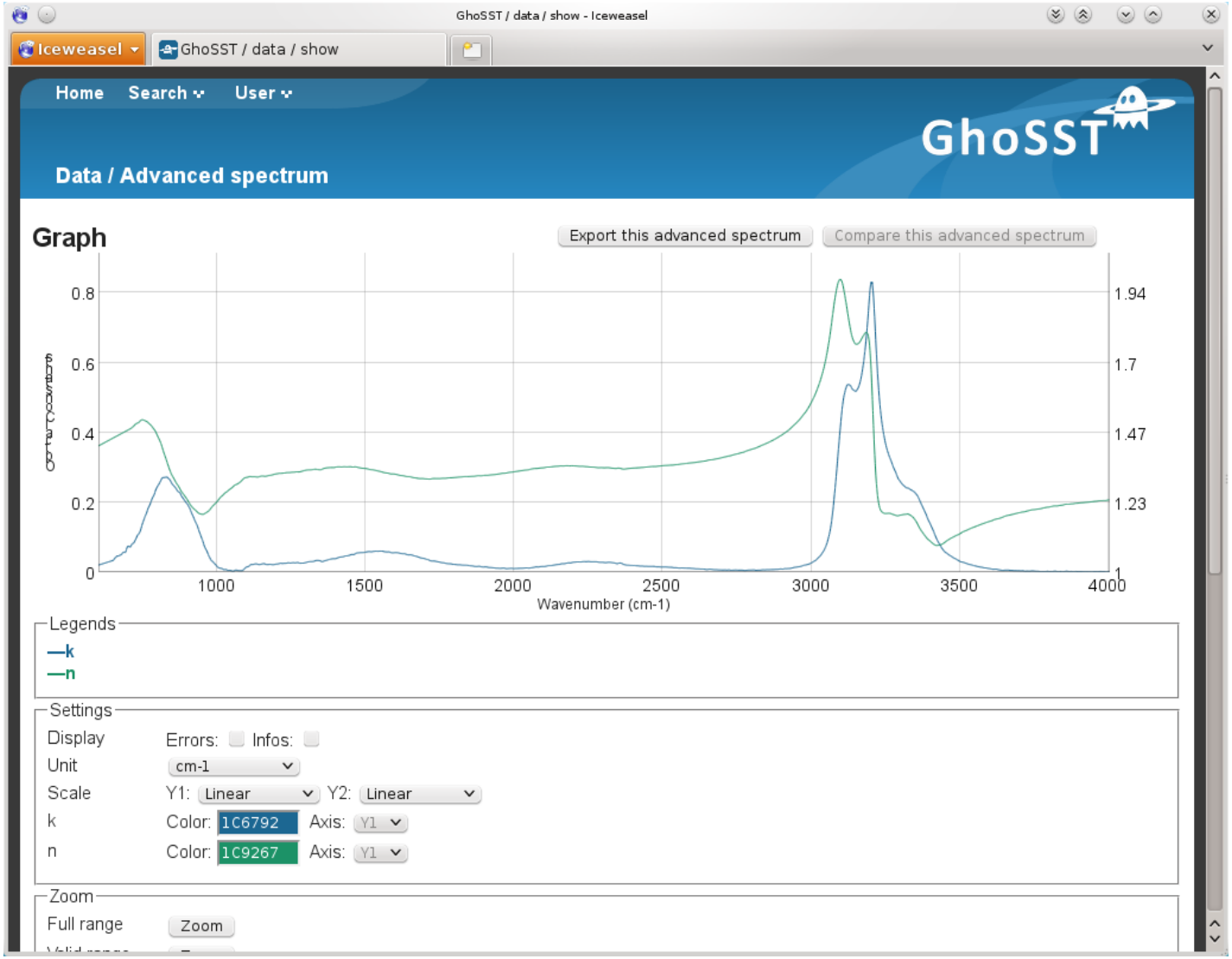
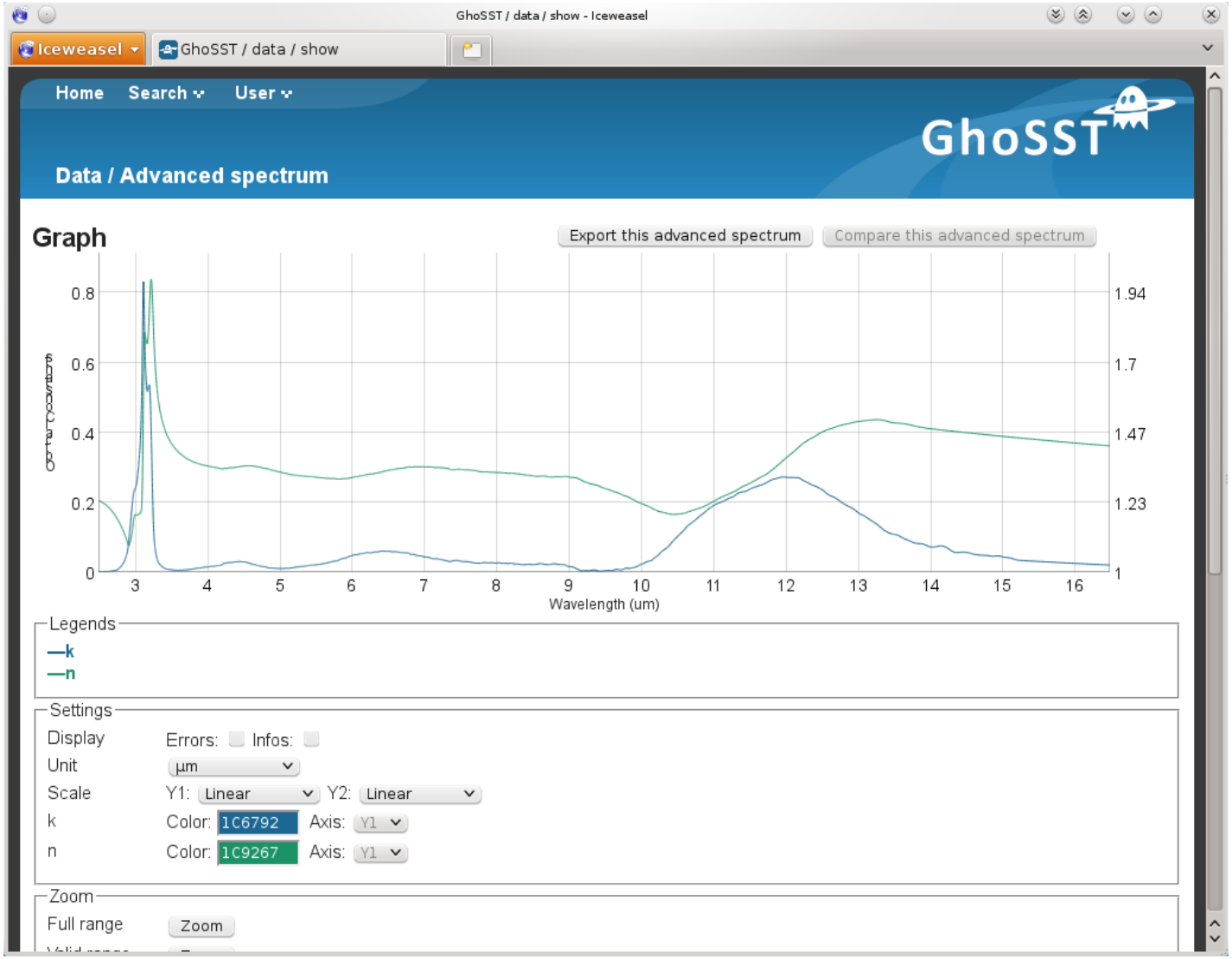
Zoom
Full range
Zoom
Valid range
Zoom
Help

Advanced spectrum



Advanced spectrum



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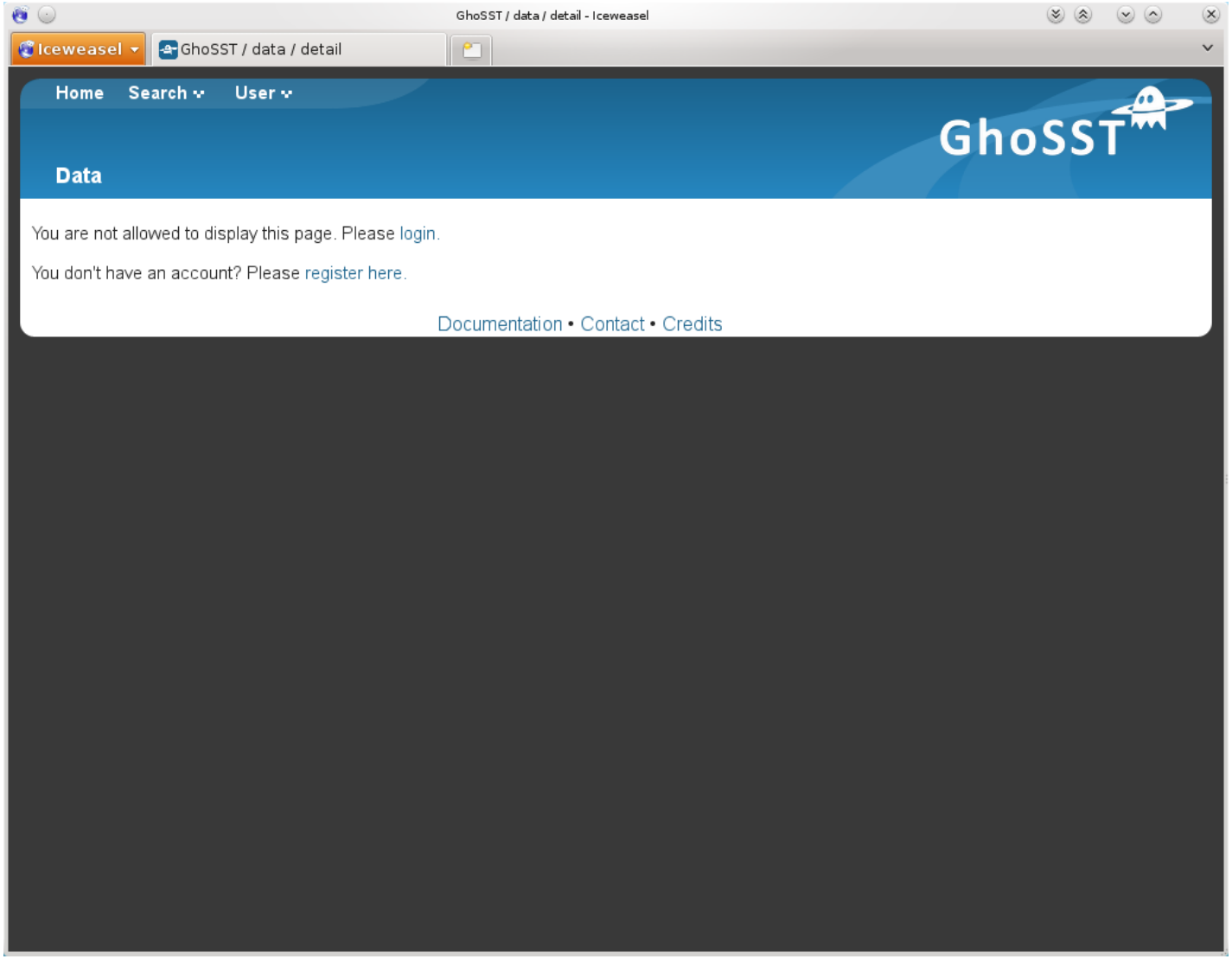
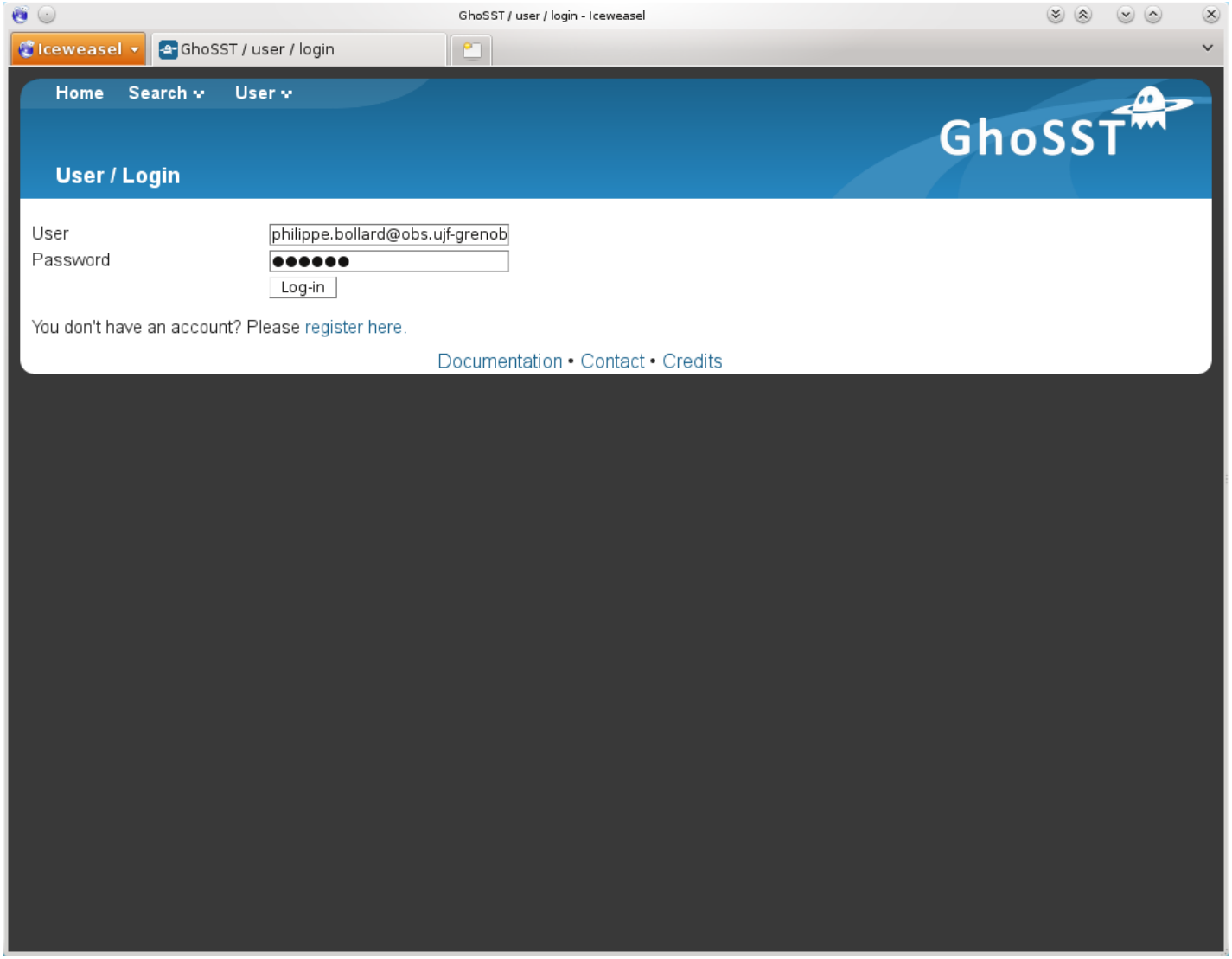

GhoSST / data / detail - Iceweasel
Iceweasel
GhoSST / data / detail
Home
Search
User
GhoSST
Data
You are not allowed to display this page. Please login.
You don't have an account? Please register here.
Documentation • Contact • Credits

Login


GhoSST / user / login - Iceweasel
Iceweasel
GhoSST / user / login
Home
Search
User
GhoSST
User / Login
User
philippe.bollard@obs.ujf-grenob
Password
Log-in
You don't have an account? Please register here.
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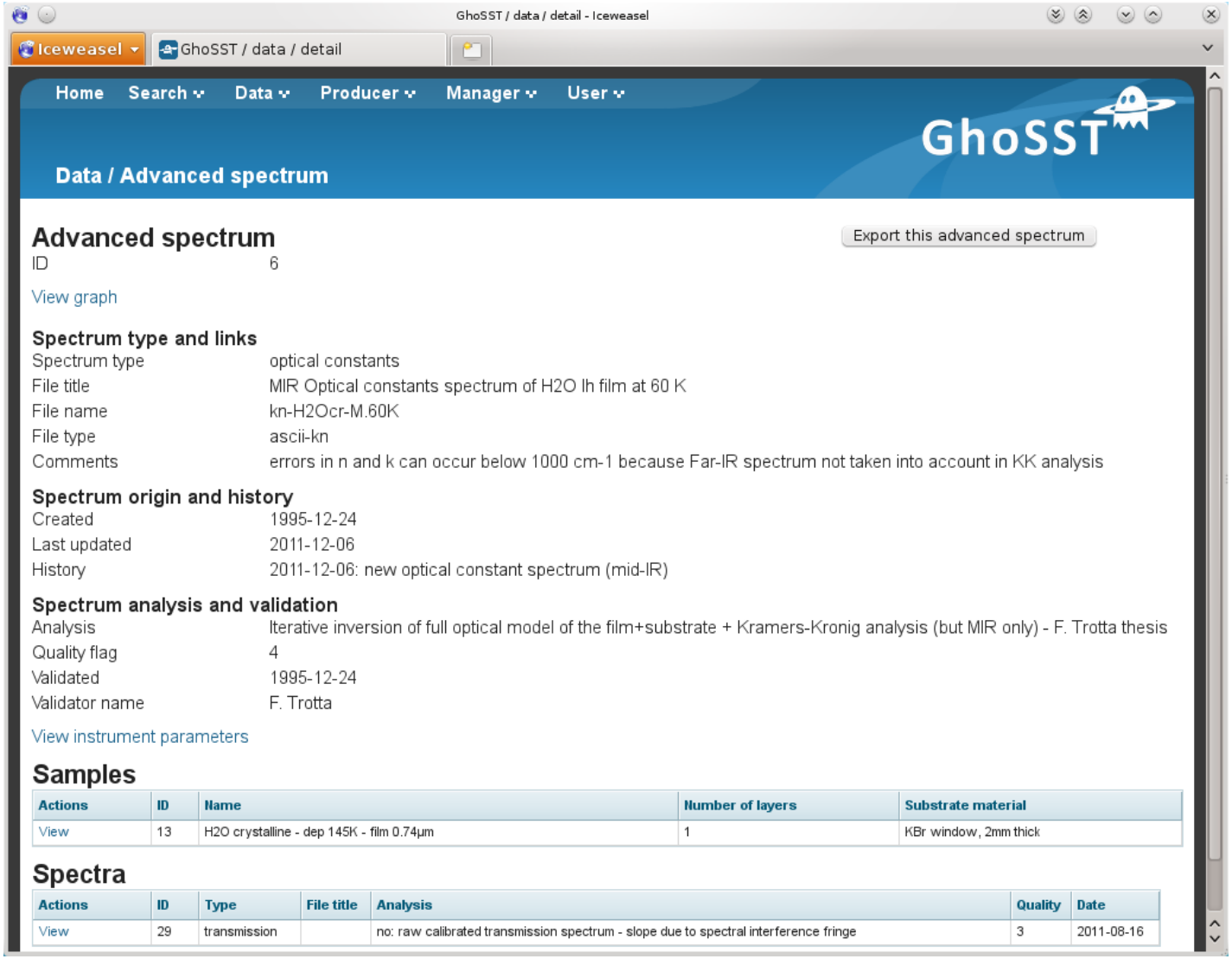
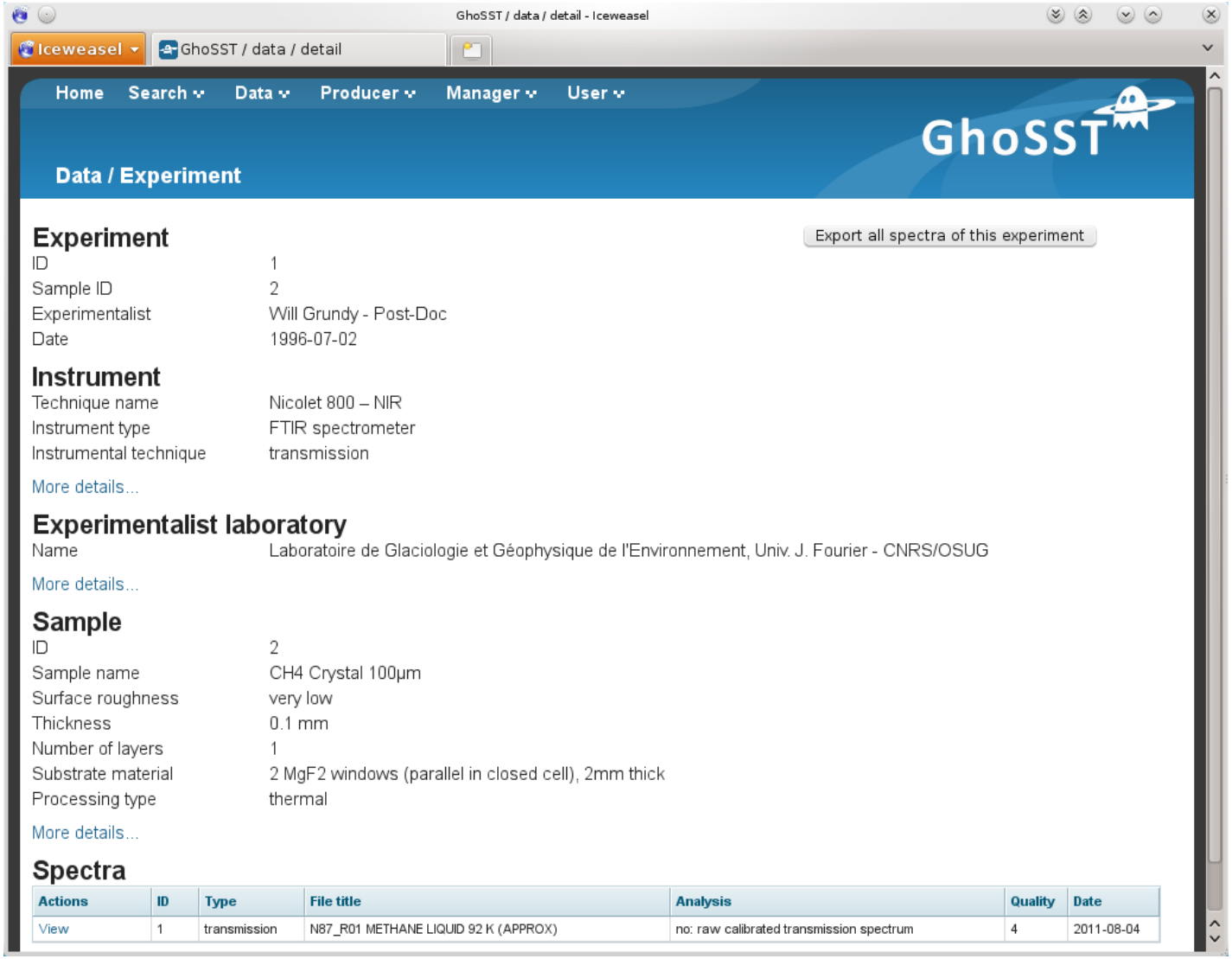
Outline

Advanced spectrum



Experiment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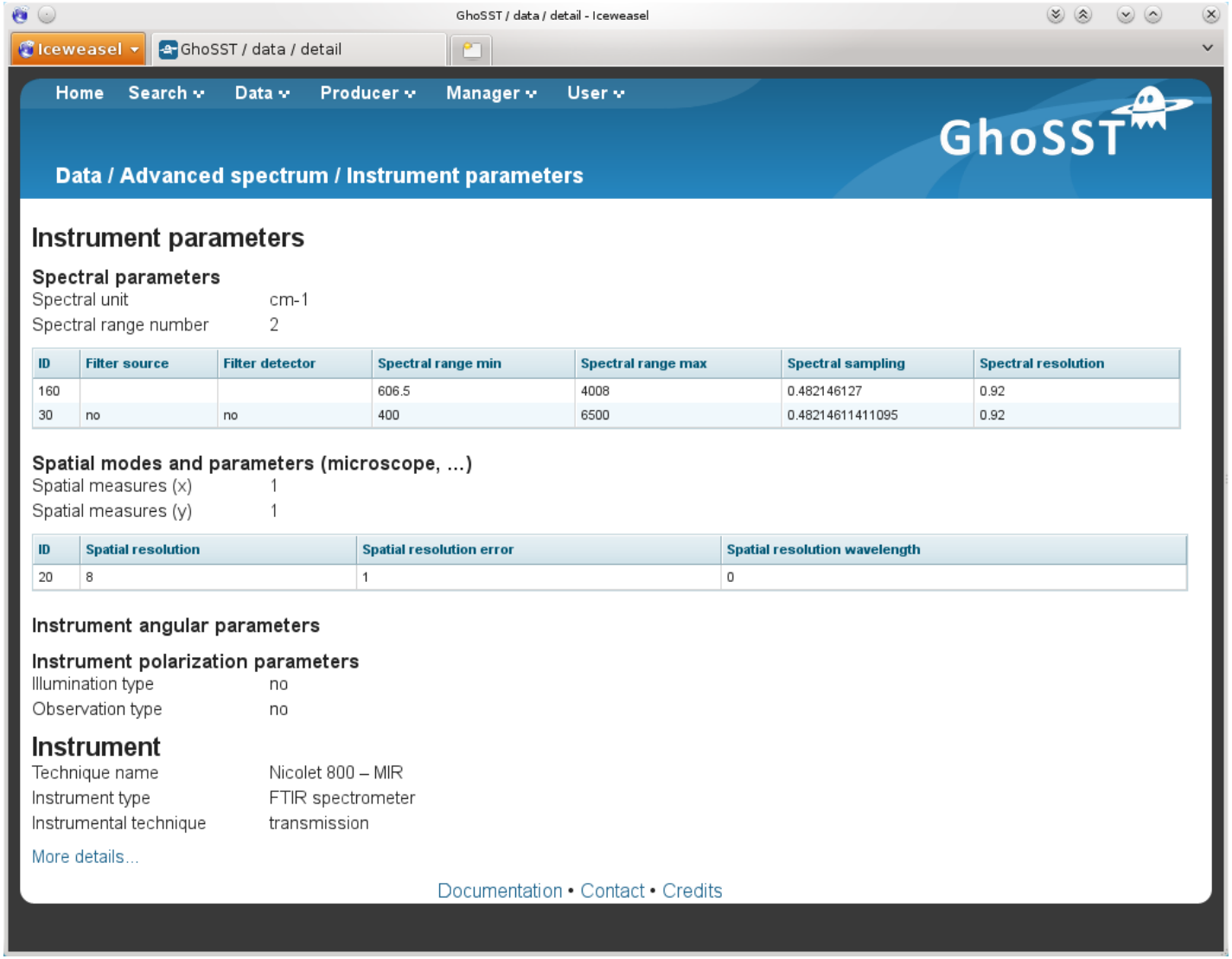
Iceweasel
GhoSST / data / detail
Home
Search
Data
Producer
Manager
User
GhoSST
Data / Experiment
Experiment
Export all spectra of this experiment
ID 1
Sample ID 2
Experimentalist Will Grundy - Post-Doc
Date 1996-07-02
Instrument
Technique name Nicolet 800 – NIR
Instrument type FTIR spectrometer
Instrumental technique transmission
More details...
Experimentalist laboratory
Name Laboratoire de Glaciologie et Géophysique de l'Environnement, Univ. J. Fourier - CNRS/OSUG
More details...
Sample
ID 2
Sample name CH4 Crystal 100µm
Surface roughness very low
Thickness 0.1 mm
Number of layers 1
Substrate material 2 MgF2 windows (parallel in closed cell), 2mm thick
Processing type thermal
More details...
Spectra
Actions ID Type File title Analysis Quality Date
View 1 transmission N87_R01 METHANE LIQUID 92 K (APPROX) no: raw calibrated transmission spectrum 4 2011-08-04

Instrument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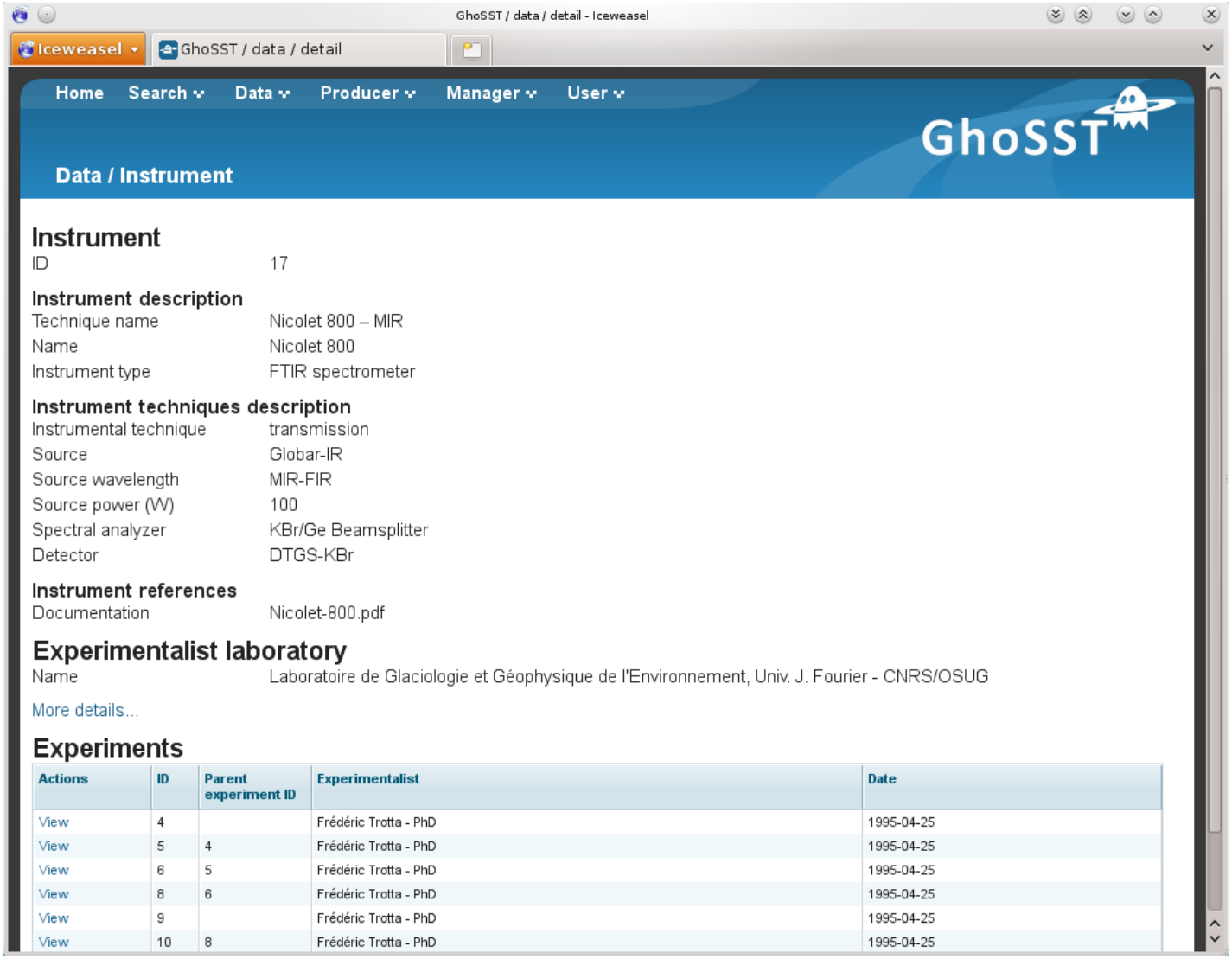
Iceweasel
GhoSST / data / detail
Home
Search
Data
Producer
Manager
User
GhoSST
Data / Advanced spectrum / Instrument parameters
Instrument parameters
Spectral parameters
Spectral unit cm-1
Spectral range number 2
ID | Filter source | Filter detector | Spectral range min | Spectral range max | Spectral sampling | Spectral resolution
160 | | | 606.5 | 4008 | 0.482146127 | 0.92
30 | no | no | 400 | 6500 | 0.48214611411095 | 0.92
Spatial modes and parameters (microscope, ...)
Spatial measures (x) 1
Spatial measures (y) 1
ID | Spatial resolution | Spatial resolution error | Spatial resolution wavelength
20 | 8 | 1 | 0
Instrument angular parameters
Instrument polarization parameters
Illumination type no
Observation type no
Instrument
Technique name Nicolet 800 – MIR
Instrument type FTIR spectrometer
Instrumental technique transmission
More details...
Documentation • Contact • Credits

Instrument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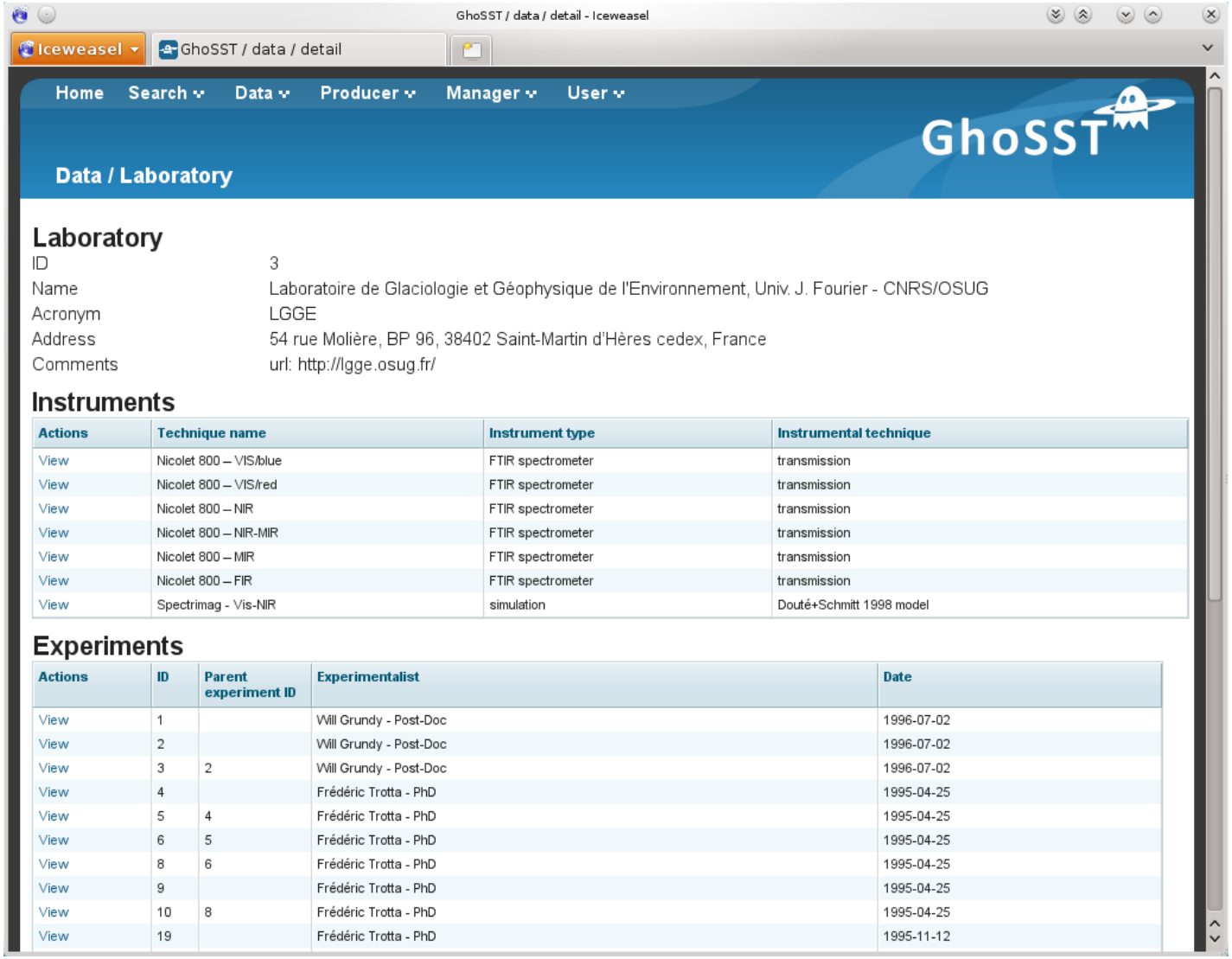
Iceweasel
GhoSST / data / detail
Home
Search
Data
Producer
Manager
User
GhoSST
Data / Instrument
Instrument
ID 17
Instrument description
Technique name Nicolet 800 – MIR
Name Nicolet 800
Instrument type FTIR spectrometer
Instrument techniques description
Instrumental technique transmission
Source Globar-IR
Source wavelength MIR-FIR
Source power (W) 100
Spectral analyzer KBr/Ge Beamsplitter
Detector DTGS-KBr
Instrument references
Documentation Nicolet-800.pdf
Experimentalist laboratory
Name Laboratoire de Glaciologie et Géophysique de l'Environnement, Univ. J. Fourier - CNRS/OSUG
More details...
Experiments
Actions ID Parent experiment ID Experimentalist Date
View 4 Frédéric Trotta - PhD 1995-04-25
View 5 4 Frédéric Trotta - PhD 1995-04-25
View 6 5 Frédéric Trotta - PhD 1995-04-25
View 8 6 Frédéric Trotta - PhD 1995-04-25
View 9 Frédéric Trotta - PhD 1995-04-25
View 10 8 Frédéric Trotta - PhD 1995-04-25

Instrument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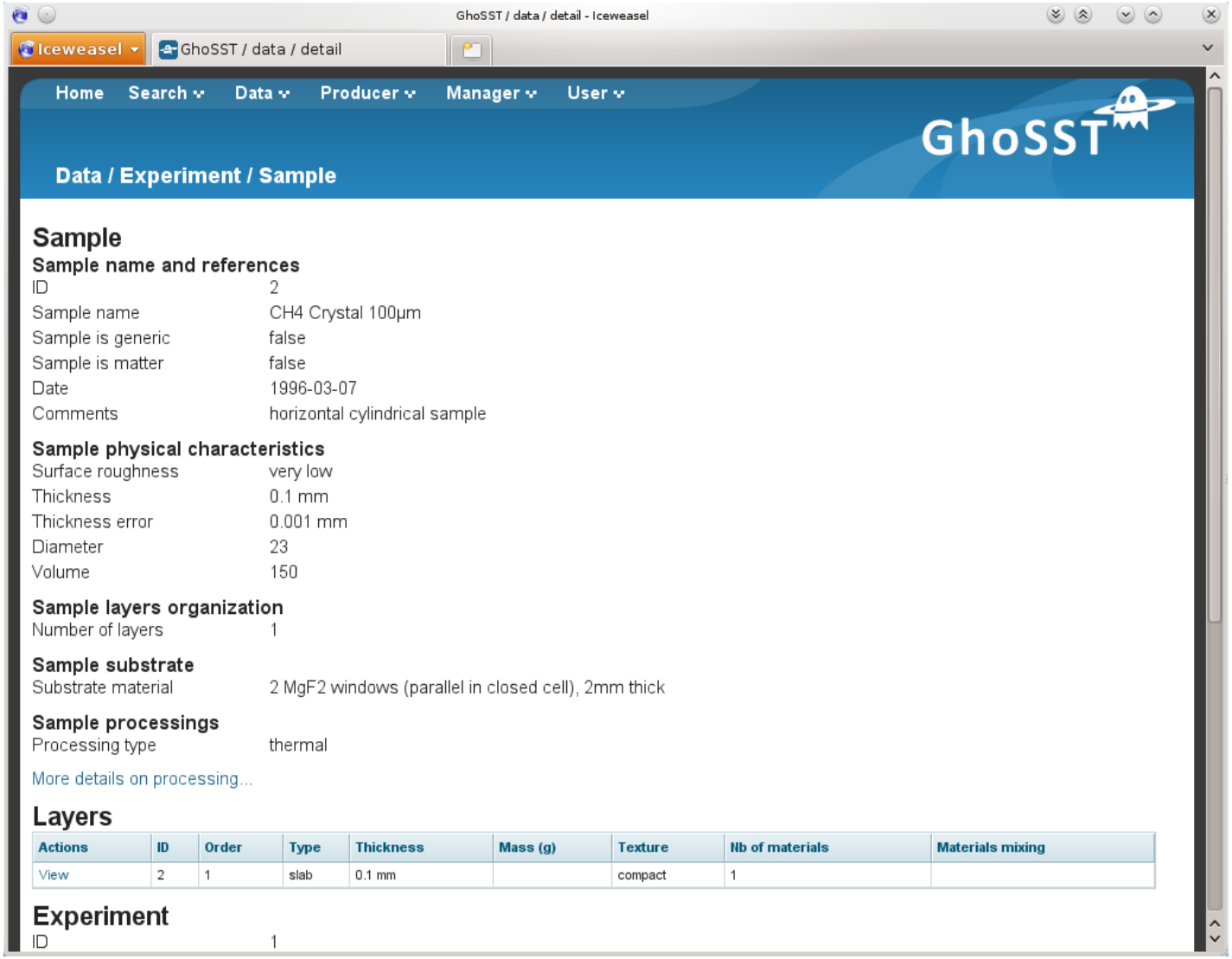
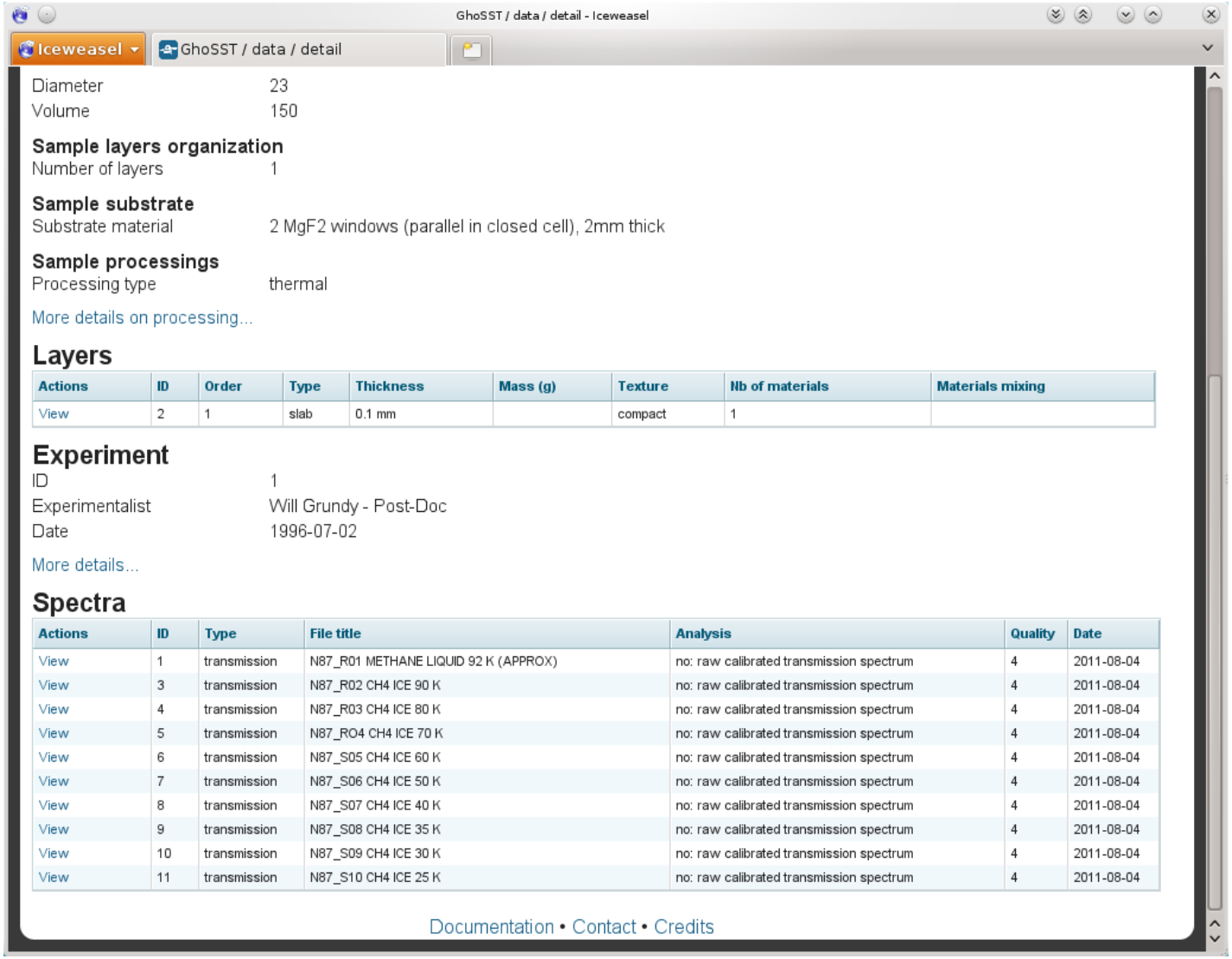
Iceweasel
GhoSST / data / detail
Home Search Data Producer Manager User
GhoSST
Data / Laboratory
Laboratory
ID 3
Name Laboratoire de Glaciologie et Géophysique de l'Environnement, Univ. J. Fourier - CNRS/OSUG
Acronym LGGE
Address 54 rue Molière, BP 96, 38402 Saint-Martin d'Hères cedex, France
Comments url: http://lgge.osug.fr/
Instruments
Actions | Technique name | Instrument type | Instrumental technique
View | Nicolet 800 – VIS/blue | FTIR spectrometer | transmission
View | Nicolet 800 – VIS/red | FTIR spectrometer | transmission
View | Nicolet 800 – NIR | FTIR spectrometer | transmission
View | Nicolet 800 – NIR-MIR | FTIR spectrometer | transmission
View | Nicolet 800 – MIR | FTIR spectrometer | transmission
View | Nicolet 800 – FIR | FTIR spectrometer | transmission
View | Spectrimag - Vis-NIR | simulation | Douté+Schmitt 1998 model
Experiments
Actions | ID | Parent experiment ID | Experimentalist | Date
View | 1 | | Will Grundy - Post-Doc | 1996-07-02
View | 2 | | Will Grundy - Post-Doc | 1996-07-02
View | 3 | 2 | Will Grundy - Post-Doc | 1996-07-02
View | 4 | | Frédéric Trotta - PhD | 1995-04-25
View | 5 | 4 | Frédéric Trotta - PhD | 1995-04-25
View | 6 | 5 | Frédéric Trotta - PhD | 1995-04-25
View | 8 | 6 | Frédéric Trotta - PhD | 1995-04-25
View | 9 | | Frédéric Trotta - PhD | 1995-04-25
View | 10 | 8 | Frédéric Trotta - PhD | 1995-04-25
View | 19 | | Frédéric Trotta - PhD | 1995-11-12

Sample


GhoSST / data / detail - Iceweasel
Iceweasel
GhoSST / data / detail
Home
Search
Data
Producer
Manager
User
GhoSST
Data / Experiment / Sample
Sample
Sample name and references
ID 2
Sample name CH4 Crystal 100µm
Sample is generic false
Sample is matter false
Date 1996-03-07
Comments horizontal cylindrical sample
Sample physical characteristics
Surface roughness very low
Thickness 0.1 mm
Thickness error 0.001 mm
Diameter 23
Volume 150
Sample layers organization
Number of layers 1
Sample substrate
Substrate material 2 MgF2 windows (parallel in closed cell), 2mm thick
Sample processings
Processing type thermal
More details on processing...
Layers
Actions ID Order Type Thickness Mass (g) Texture Nb of materials Materials mixing
View 2 1 slab 0.1 mm compact 1
Experiment
ID 1

Sample


GhoSST / data / detail - Iceweasel
Iceweasel
GhoSST / data / detail
Diameter 23
Volume 150
Sample layers organization
Number of layers 1
Sample substrate
Substrate material 2 MgF2 windows (parallel in closed cell), 2mm thick
Sample processings
Processing type thermal
More details on processing...
Layers
Actions | ID | Order | Type | Thickness | Mass (g) | Texture | Nb of materials | Materials mixing
View | 2 | 1 | slab | 0.1 mm | | compact | 1 |
Experiment
ID 1
Experimentalist Will Grundy - Post-Doc
Date 1996-07-02
More details...
Spectra
Actions | ID | Type | File title | Analysis | Quality | Date
View | 1 | transmission | N87_R01 METHANE LIQUID 92 K (APPROX) | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 3 | transmission | N87_R02 CH4 ICE 90 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 4 | transmission | N87_R03 CH4 ICE 80 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 5 | transmission | N87_RO4 CH4 ICE 70 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 6 | transmission | N87_S05 CH4 ICE 60 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 7 | transmission | N87_S06 CH4 ICE 50 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 8 | transmission | N87_S07 CH4 ICE 40 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 9 | transmission | N87_S08 CH4 ICE 35 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 10 | transmission | N87_S09 CH4 ICE 30 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
View | 11 | transmission | N87_S10 CH4 ICE 25 K | no: raw calibrated transmission spectrum | 4 | 2011-08-04
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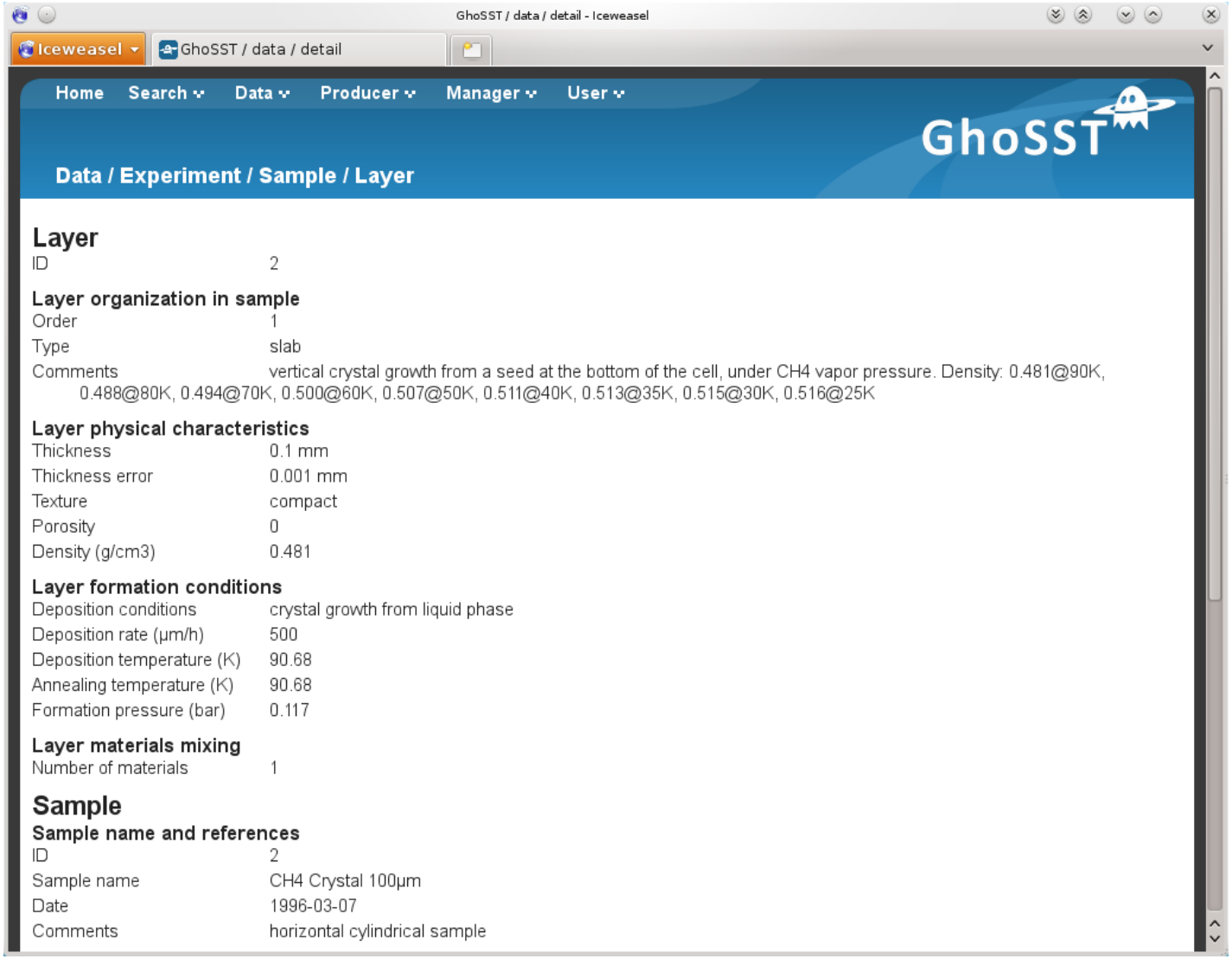
Layer


GhoSST / data / detail - Iceweasel
Iceweasel
GhoSST / data / detail
Home
Search
Data
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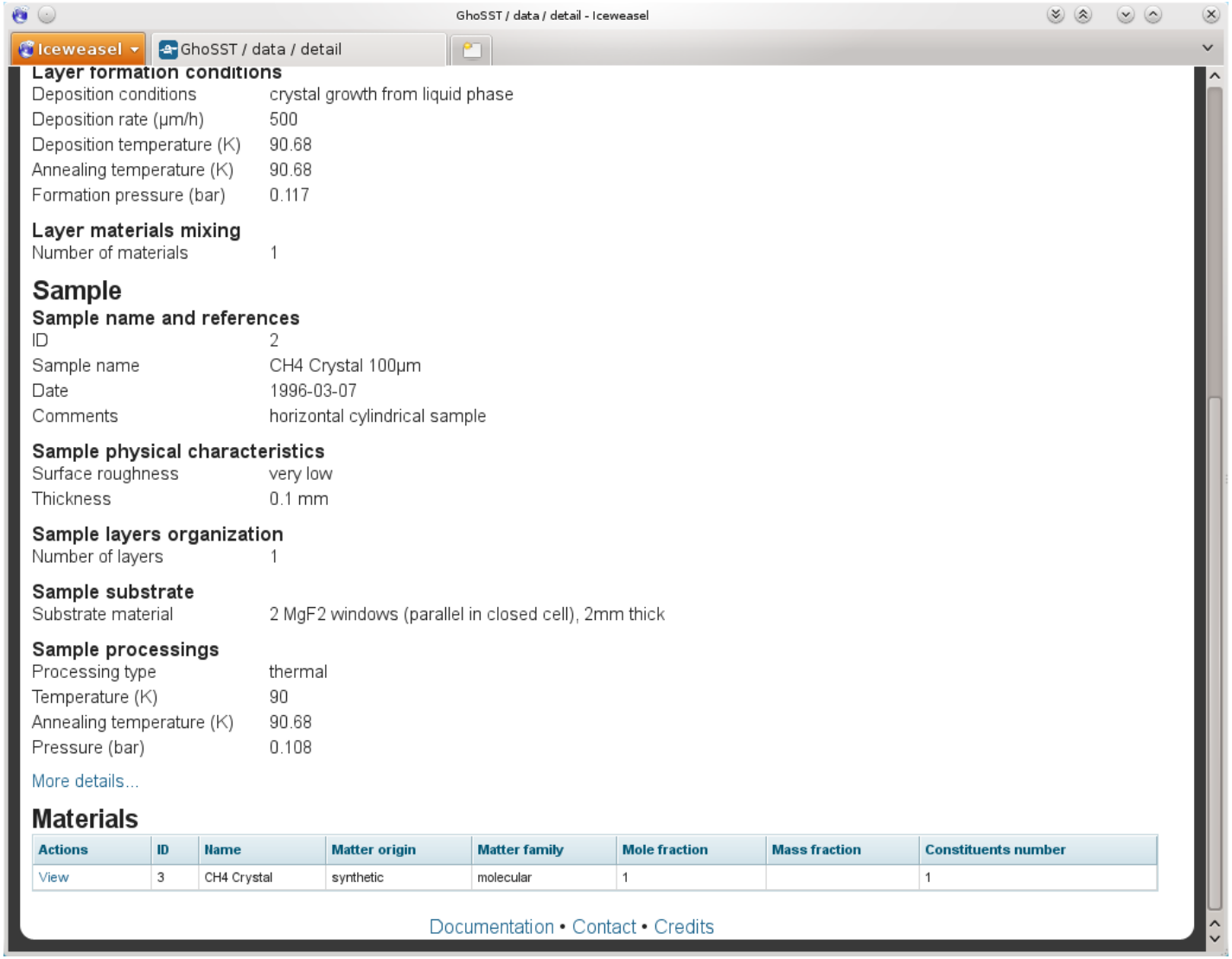
User
GhoSST
Data / Experiment / Sample / Layer
Layer
ID 2
Layer organization in sample
Order 1
Type slab
Comments vertical crystal growth from a seed at the bottom of the cell, under CH4 vapor pressure. Density: 0.481@90K, 0.488@80K, 0.494@70K, 0.500@60K, 0.507@50K, 0.511@40K, 0.513@35K, 0.515@30K, 0.516@25K
Layer physical characteristics
Thickness 0.1 mm
Thickness error 0.001 mm
Texture compact
Porosity 0
Density (g/cm3) 0.481
Layer formation conditions
Deposition conditions crystal growth from liquid phase
Deposition rate (µm/h) 500
Deposition temperature (K) 90.68
Annealing temperature (K) 90.68
Formation pressure (bar) 0.117
Layer materials mixing
Number of materials 1
Sample
Sample name and references
ID 2
Sample name CH4 Crystal 100µm
Date 1996-03-07
Comments horizontal cylindrical sample

Layer


GhoSST / data / detail - Iceweasel
Iceweasel
GhoSST / data / detail
Layer formation conditions
Deposition conditions crystal growth from liquid phase
Deposition rate (µm/h) 500
Deposition temperature (K) 90.68
Annealing temperature (K) 90.68
Formation pressure (bar) 0.117
Layer materials mixing
Number of materials 1
Sample
Sample name and references
ID 2
Sample name CH4 Crystal 100µm
Date 1996-03-07
Comments horizontal cylindrical sample
Sample physical characteristics
Surface roughness very low
Thickness 0.1 mm
Sample layers organization
Number of layers 1
Sample substrate
Substrate material 2 MgF2 windows (parallel in closed cell), 2mm thick
Sample processings
Processing type thermal
Temperature (K) 90
Annealing temperature (K) 90.68
Pressure (bar) 0.108
More details...
Materials
Actions ID Name Matter origin Matter family Mole fraction Mass fraction Constituents number
View 3 CH4 Crystal synthetic molecular 1 1
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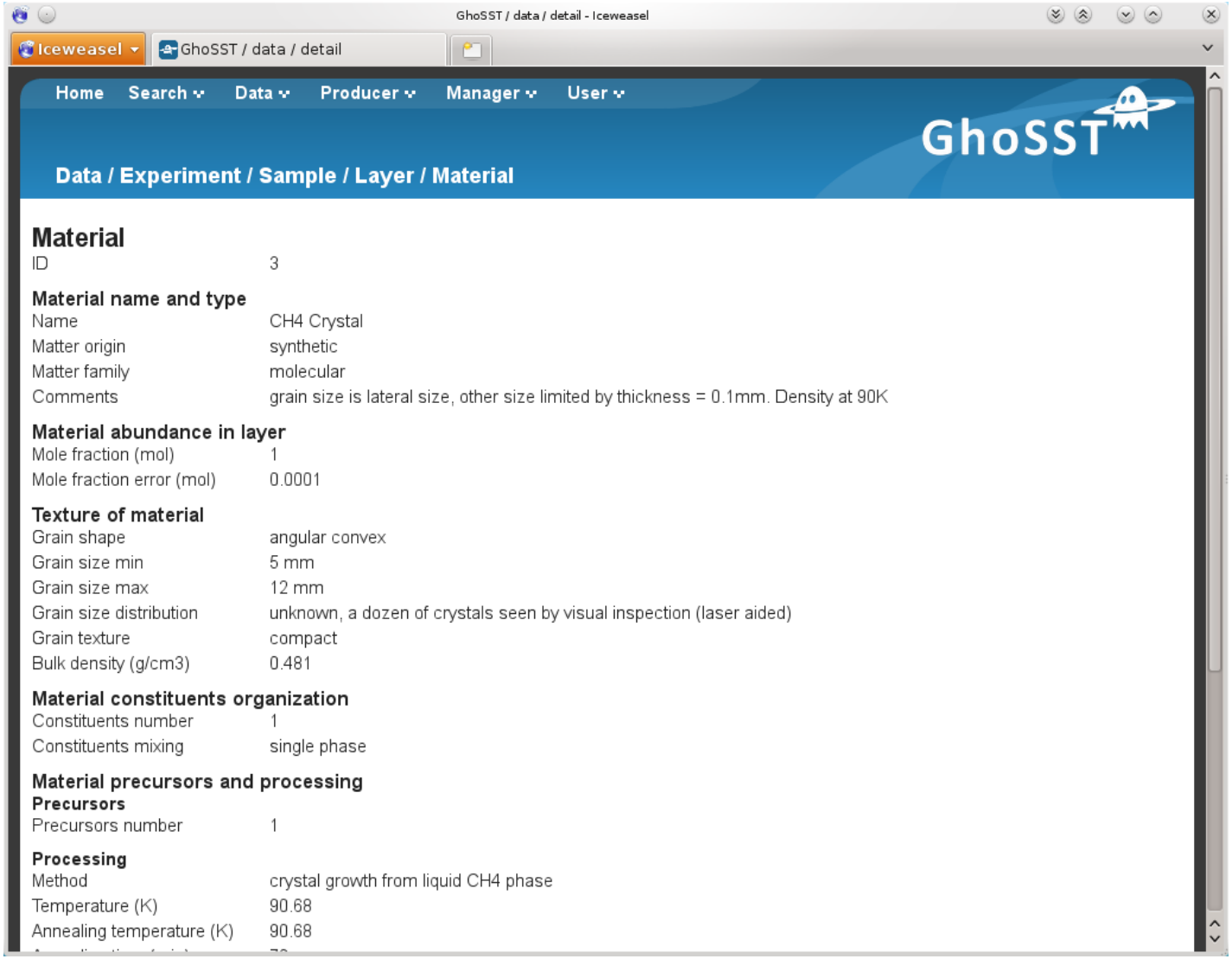
Material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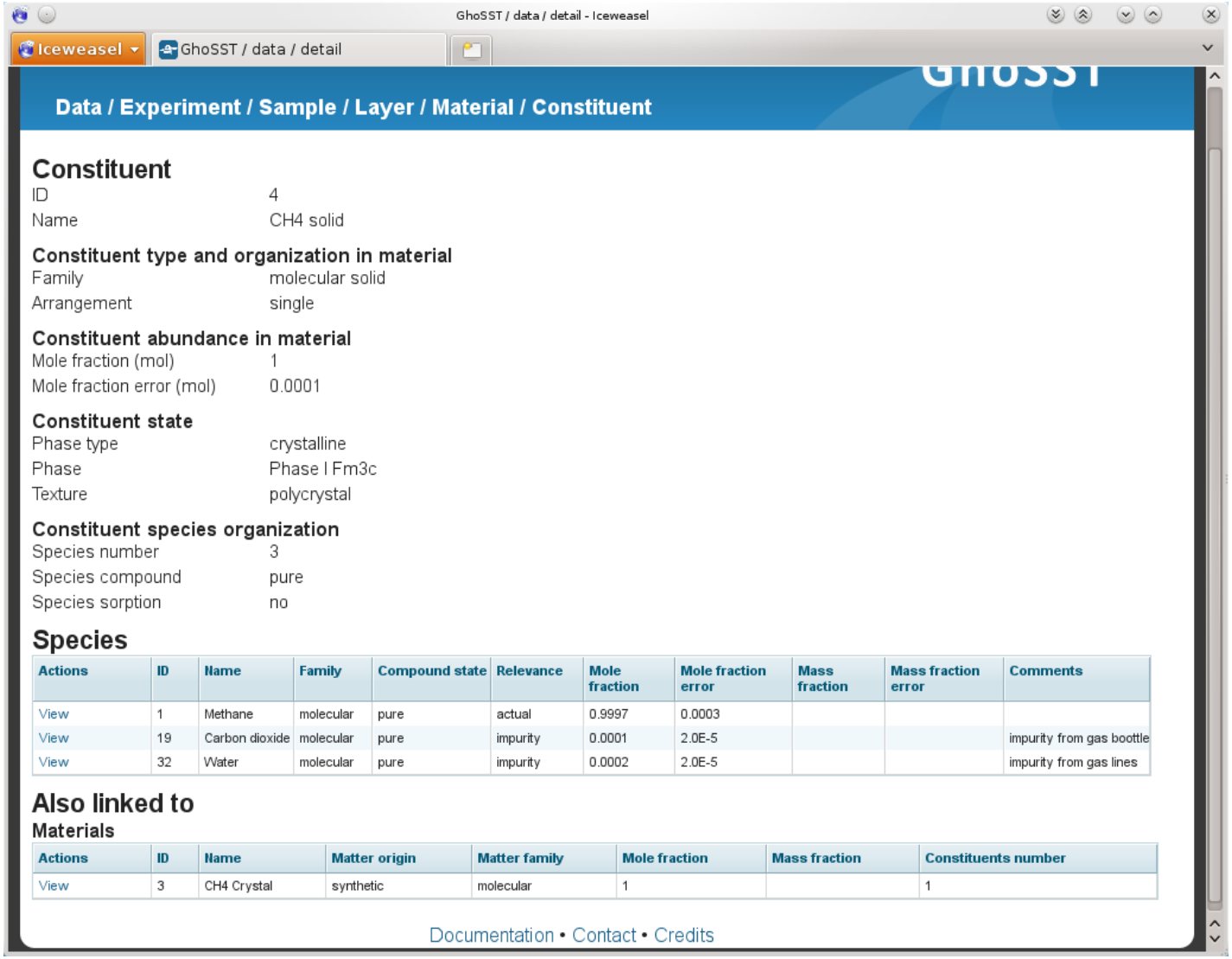
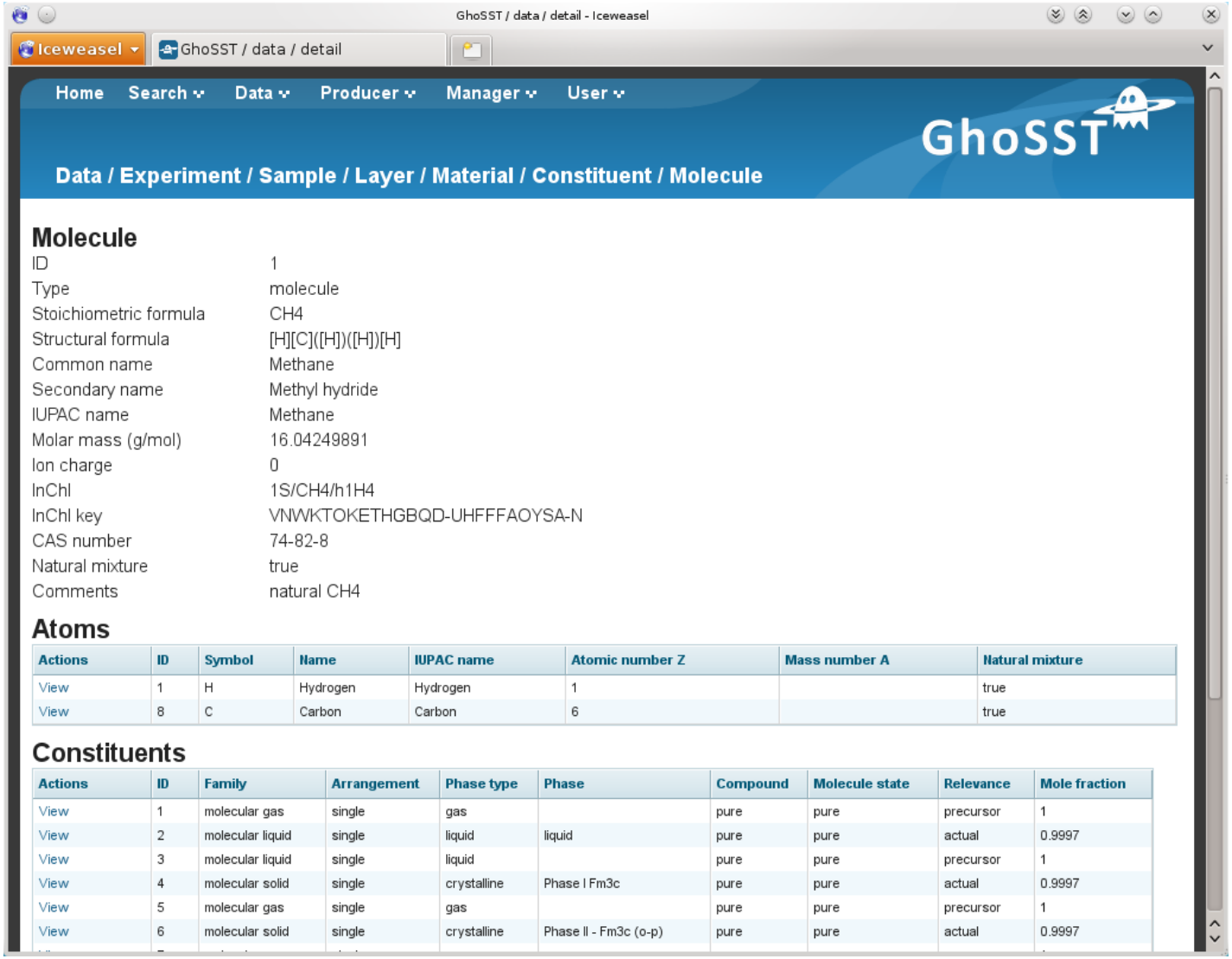
Data / Experiment / Sample / Layer / Material
Material
ID 3
Material name and type
Name CH4 Crystal
Matter origin synthetic
Matter family molecular
Comments grain size is lateral size, other size limited by thickness = 0.1mm. Density at 90K
Material abundance in layer
Mole fraction (mol) 1
Mole fraction error (mol) 0.0001
Texture of material
Grain shape angular convex
Grain size min 5 mm
Grain size max 12 mm
Grain size distribution unknown, a dozen of crystals seen by visual inspection (laser aided)
Grain texture compact
Bulk density (g/cm3) 0.481
Material constituents organization
Constituents number 1
Constituents mixing single phase
Material precursors and processing
Precursors
Precursors number 1
Processing
Method crystal growth from liquid CH4 phase
Temperature (K) 90.68
Annealing temperature (K) 90.68

Constituent



Molecule



Molecule

ID	1
Type	molecule
Stoichiometric formula	CH4
Structural formula	[H][C]([H])([H])[H]
Common name	Methane
Secondary name	Methyl hydride
IUPAC name	Methane
Molar mass (g/mol)	16.04249891
Ion charge	0
InChI	1S/CH4/h1H4
InChI key	VNWKTOKETHGBQD-UHFFFAOYSA-N
CAS number	74-82-8
Natural mixture	true
Comments	natural CH4

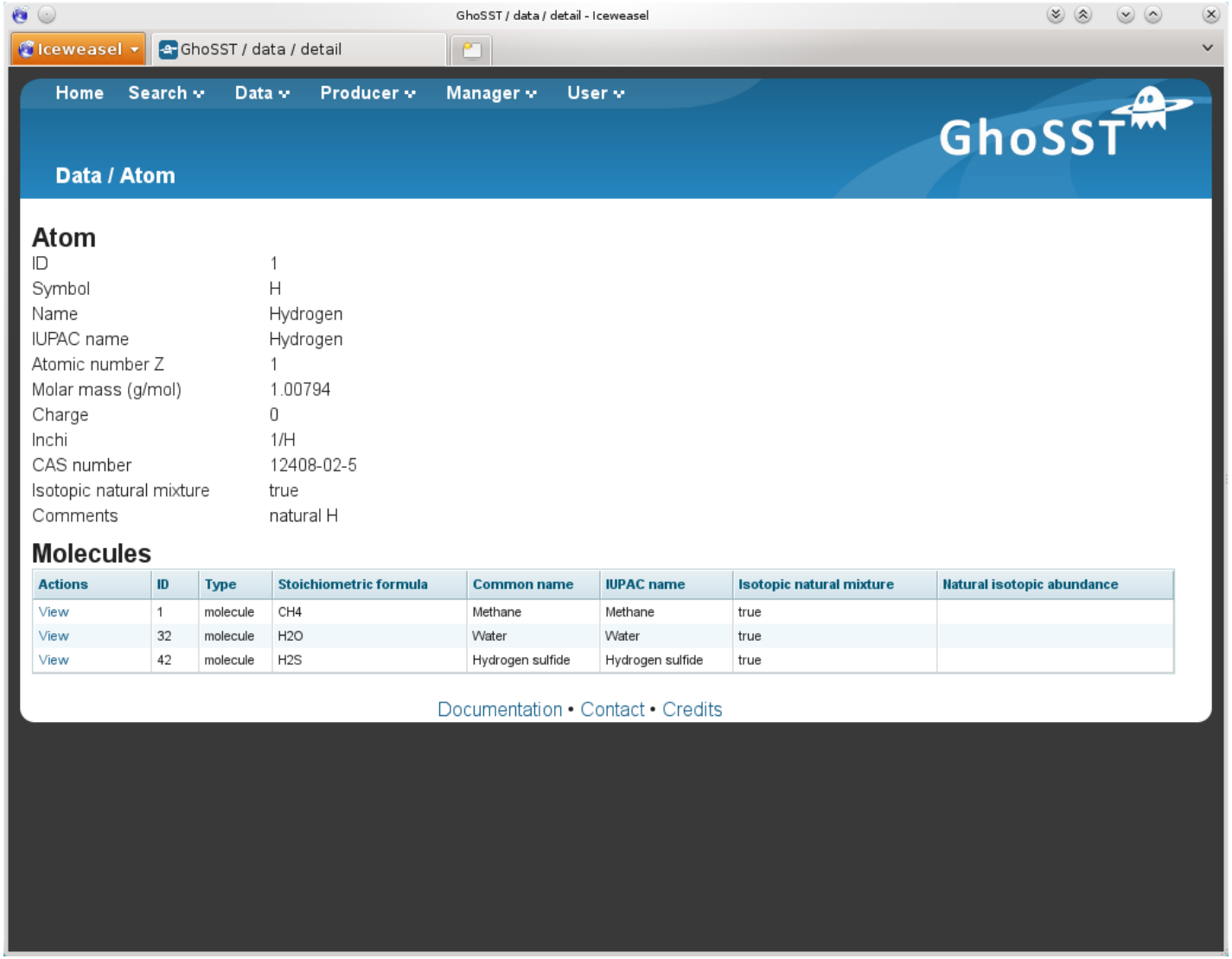
Atoms

Actions	ID	Symbol	Name	IUPAC name	Atomic number Z	Mass number A	Natural mixture
View	1	H	Hydrogen	Hydrogen	1		true
View	8	C	Carbon	Carbon	6		true

Constituents

Actions	ID	Family	Arrangement	Phase type	Phase	Compound	Molecule state	Relevance	Mole fraction
View	1	molecular gas	single	gas		pure	pure	precursor	1
View	2	molecular liquid	single	liquid	liquid	pure	pure	actual	0.9997
View	3	molecular liquid	single	liquid		pure	pure	precursor	1
View	4	molecular solid	single	crystalline	Phase I Fm3c	pure	pure	actual	0.9997
View	5	molecular gas	single	gas		pure	pure	precursor	1
View	6	molecular solid	single	crystalline	Phase II - Fm3c (o-p)	pure	pure	actual	0.9997

Atom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Data / Atom
Atom
ID 1
Symbol H
Name Hydrogen
IUPAC name Hydrogen
Atomic number Z 1
Molar mass (g/mol) 1.00794
Charge 0
Inchi 1/H
CAS number 12408-02-5
Isotopic natural mixture true
Comments natural H
Molecules
Actions | ID | Type | Stoichiometric formula | Common name | IUPAC name | Isotopic natural mixture | Natural isotopic abundance
View | 1 | molecule | CH4 | Methane | Methane | true
View | 32 | molecule | H2O | Water | Water | true
View | 42 | molecule | H2S | Hydrogen sulfide | Hydrogen sulfide | true
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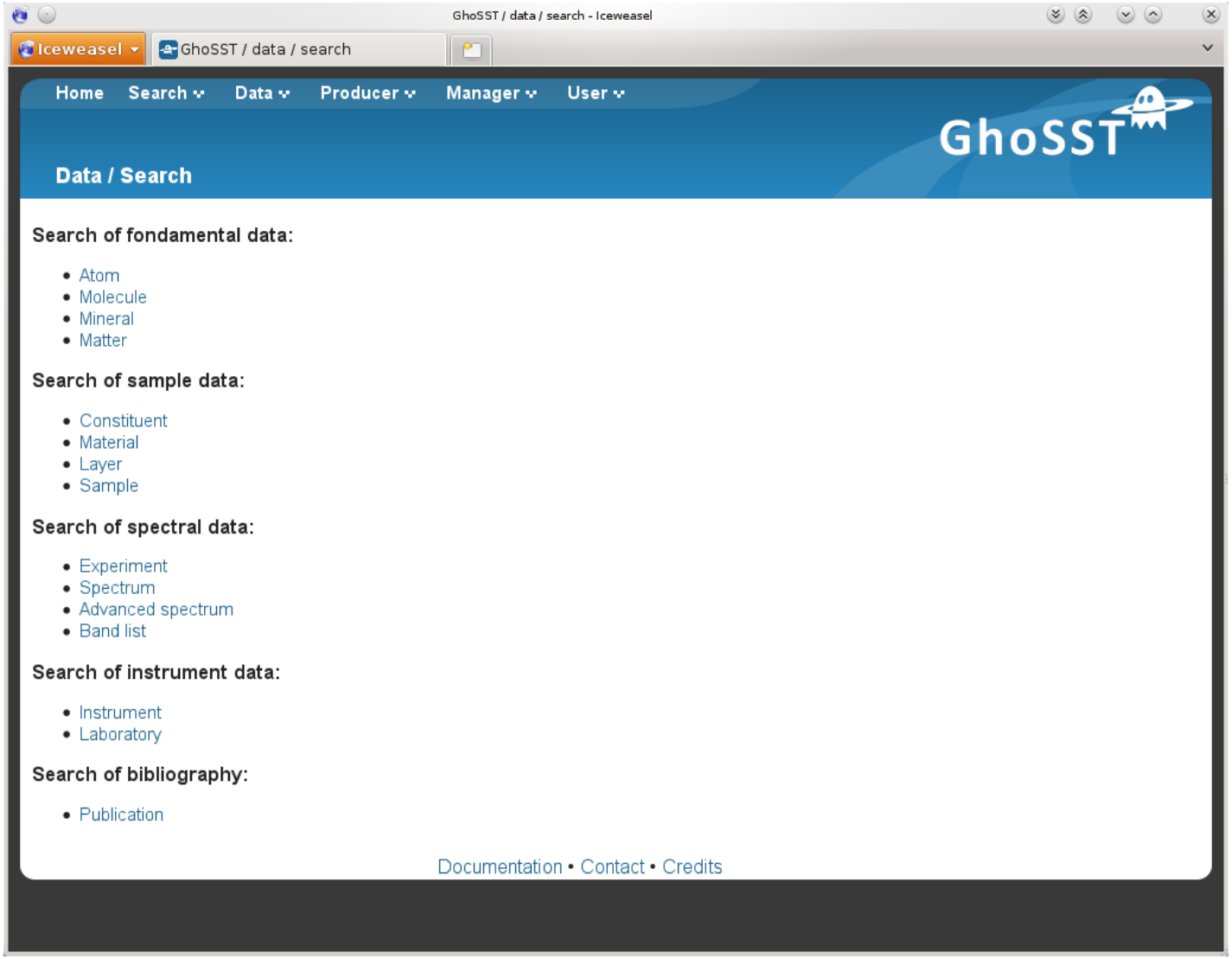
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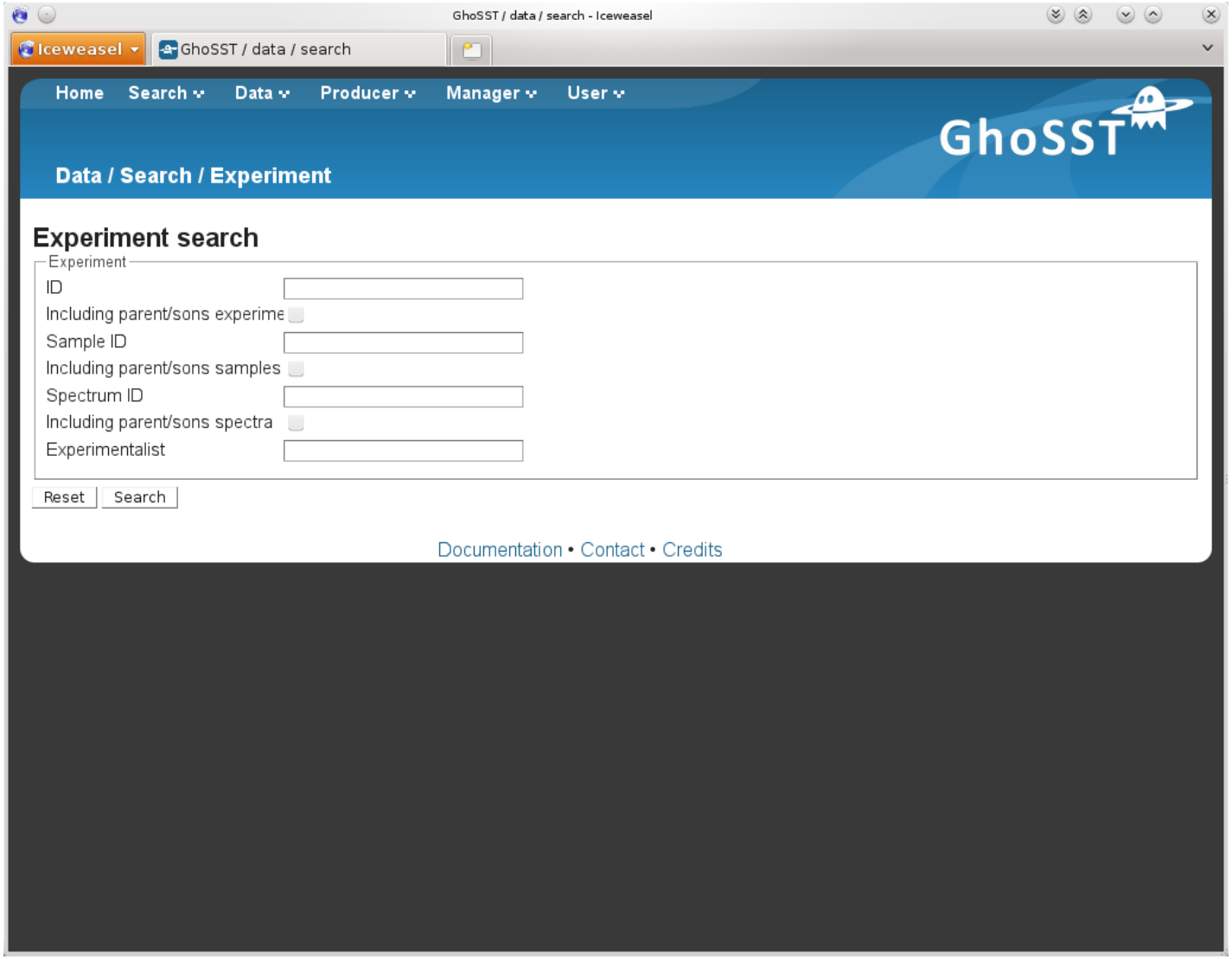
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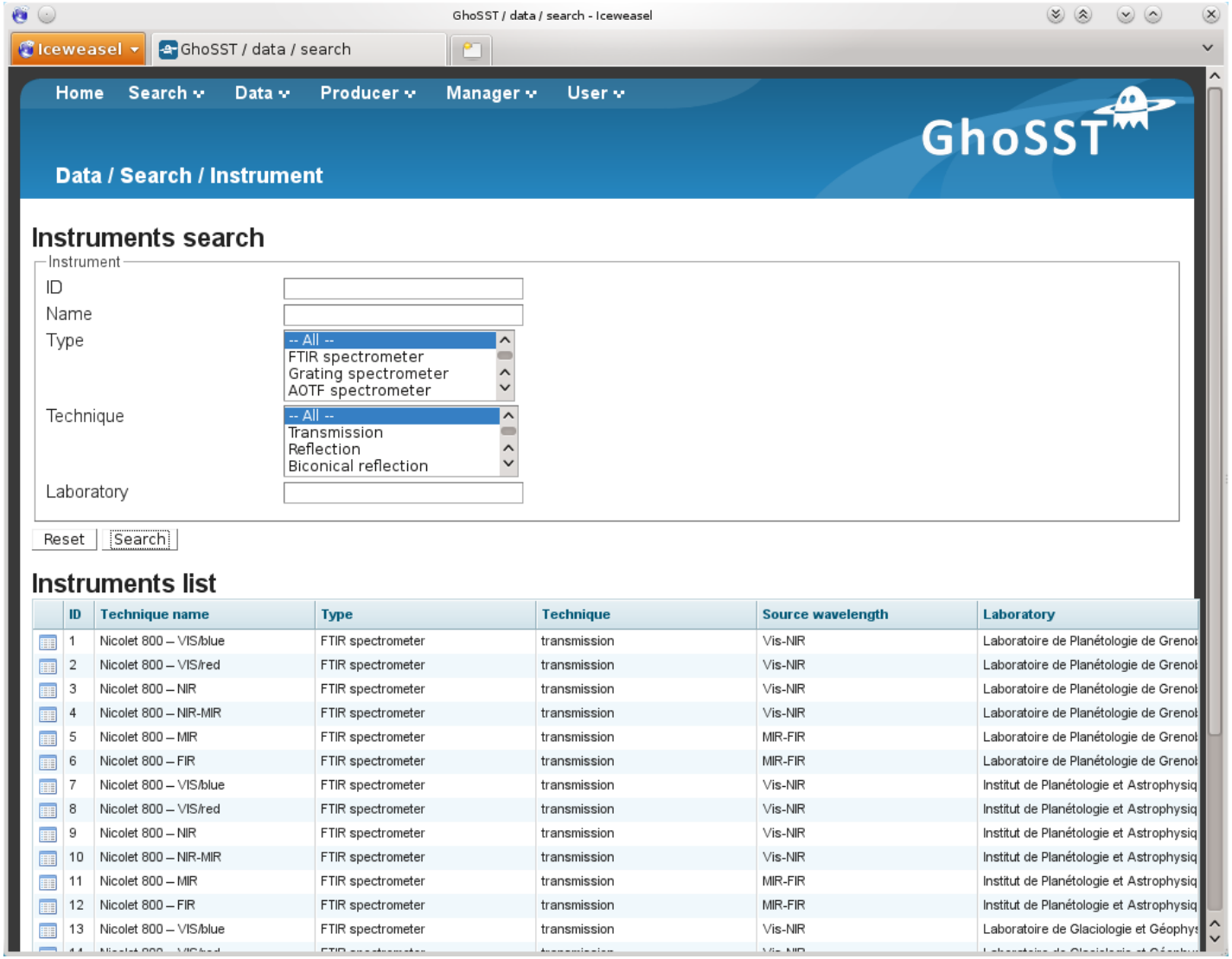
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FTIR spectrometer
Grating spectrometer
AOTF spectrometer
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-- All --
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Instruments list
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Technique
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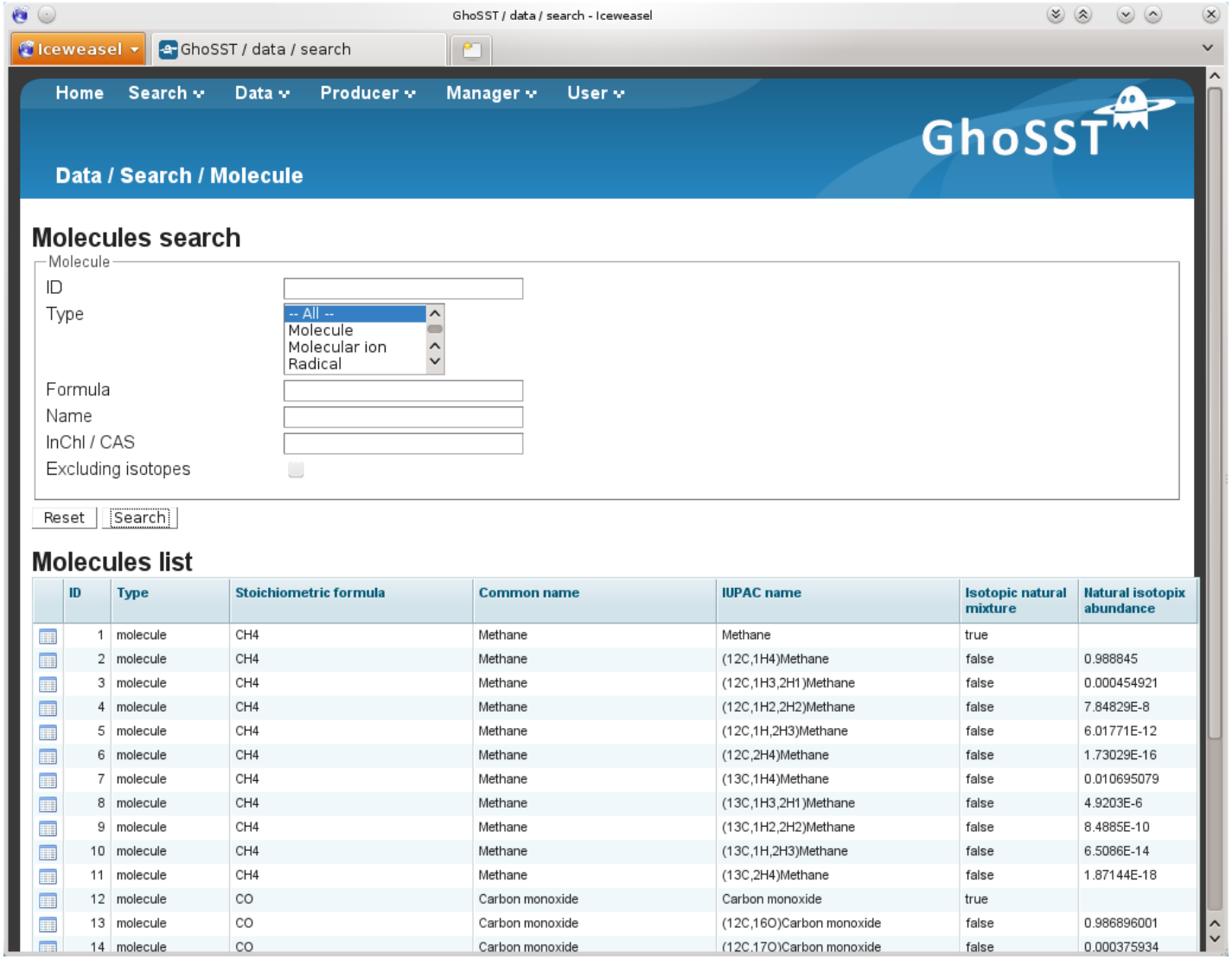
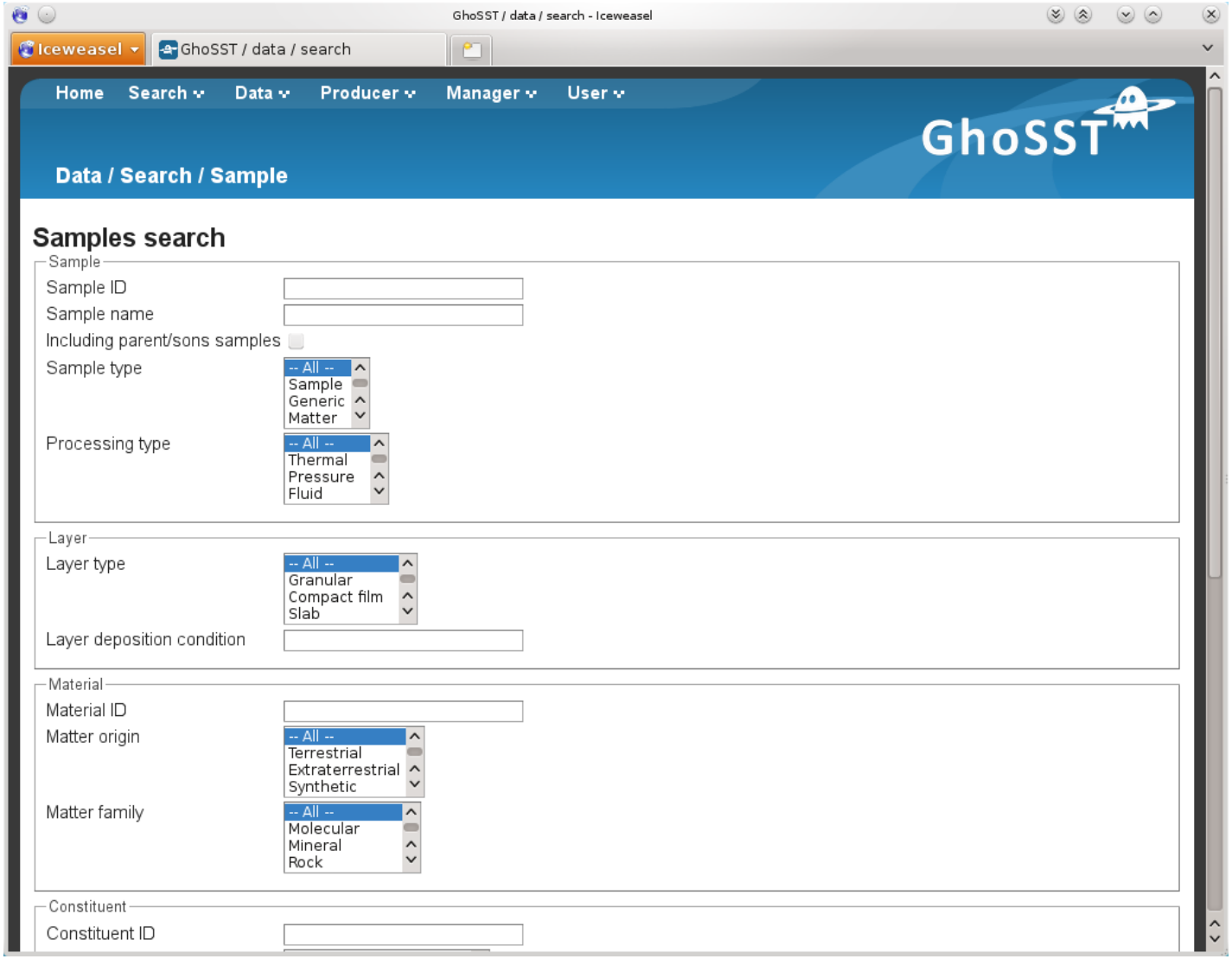
Laboratory
1 Nicolet 800 – VIS/blue FTIR spectrometer transmission Vis-NIR Laboratoire de Planétologie de Grenol
2 Nicolet 800 – VIS/red FTIR spectrometer transmission Vis-NIR Laboratoire de Planétologie de Grenol
3 Nicolet 800 – NIR FTIR spectrometer transmission Vis-NIR Laboratoire de Planétologie de Grenol
4 Nicolet 800 – NIR-MIR FTIR spectrometer transmission Vis-NIR Laboratoire de Planétologie de Grenol
5 Nicolet 800 – MIR FTIR spectrometer transmission MIR-FIR Laboratoire de Planétologie de Grenol
6 Nicolet 800 – FIR FTIR spectrometer transmission MIR-FIR Laboratoire de Planétologie de Grenol
7 Nicolet 800 – VIS/blue FTIR spectrometer transmission Vis-NIR Institut de Planétologie et Astrophysiq
8 Nicolet 800 – VIS/red FTIR spectrometer transmission Vis-NIR Institut de Planétologie et Astrophysiq
9 Nicolet 800 – NIR FTIR spectrometer transmission Vis-NIR Institut de Planétologie et Astrophysiq
10 Nicolet 800 – NIR-MIR FTIR spectrometer transmission Vis-NIR Institut de Planétologie et Astrophysiq
11 Nicolet 800 – MIR FTIR spectrometer transmission MIR-FIR Institut de Planétologie et Astrophysiq
12 Nicolet 800 – FIR FTIR spectrometer transmission MIR-FIR Institut de Planétologie et Astrophysiq
13 Nicolet 800 – VIS/blue FTIR spectrometer transmission Vis-NIR Laboratoire de Glaciologie et Géophys

Search data



ID	Type	Stoichiometric formula	Common name	IUPAC name	Isotopic natural mixture	Natural isotopix abundance
1	molecule	CH4	Methane	Methane	true	
2	molecule	CH4	Methane	(12C,1H4)Methane	false	0.988845
3	molecule	CH4	Methane	(12C,1H3,2H1)Methane	false	0.000454921
4	molecule	CH4	Methane	(12C,1H2,2H2)Methane	false	7.84829E-8
5	molecule	CH4	Methane	(12C,1H,2H3)Methane	false	6.01771E-12
6	molecule	CH4	Methane	(12C,2H4)Methane	false	1.73029E-16
7	molecule	CH4	Methane	(13C,1H4)Methane	false	0.010695079
8	molecule	CH4	Methane	(13C,1H3,2H1)Methane	false	4.9203E-6
9	molecule	CH4	Methane	(13C,1H2,2H2)Methane	false	8.4885E-10
10	molecule	CH4	Methane	(13C,1H,2H3)Methane	false	6.5086E-14
11	molecule	CH4	Methane	(13C,2H4)Methane	false	1.87144E-18
12	molecule	CO	Carbon monoxide	Carbon monoxide	true	
13	molecule	CO	Carbon monoxide	(12C,16O)Carbon monoxide	false	0.986896001
14	molecule	CO	Carbon monoxide	(12C,17O)Carbon monoxide	false	0.000375934

Search data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Data / Search / Sample
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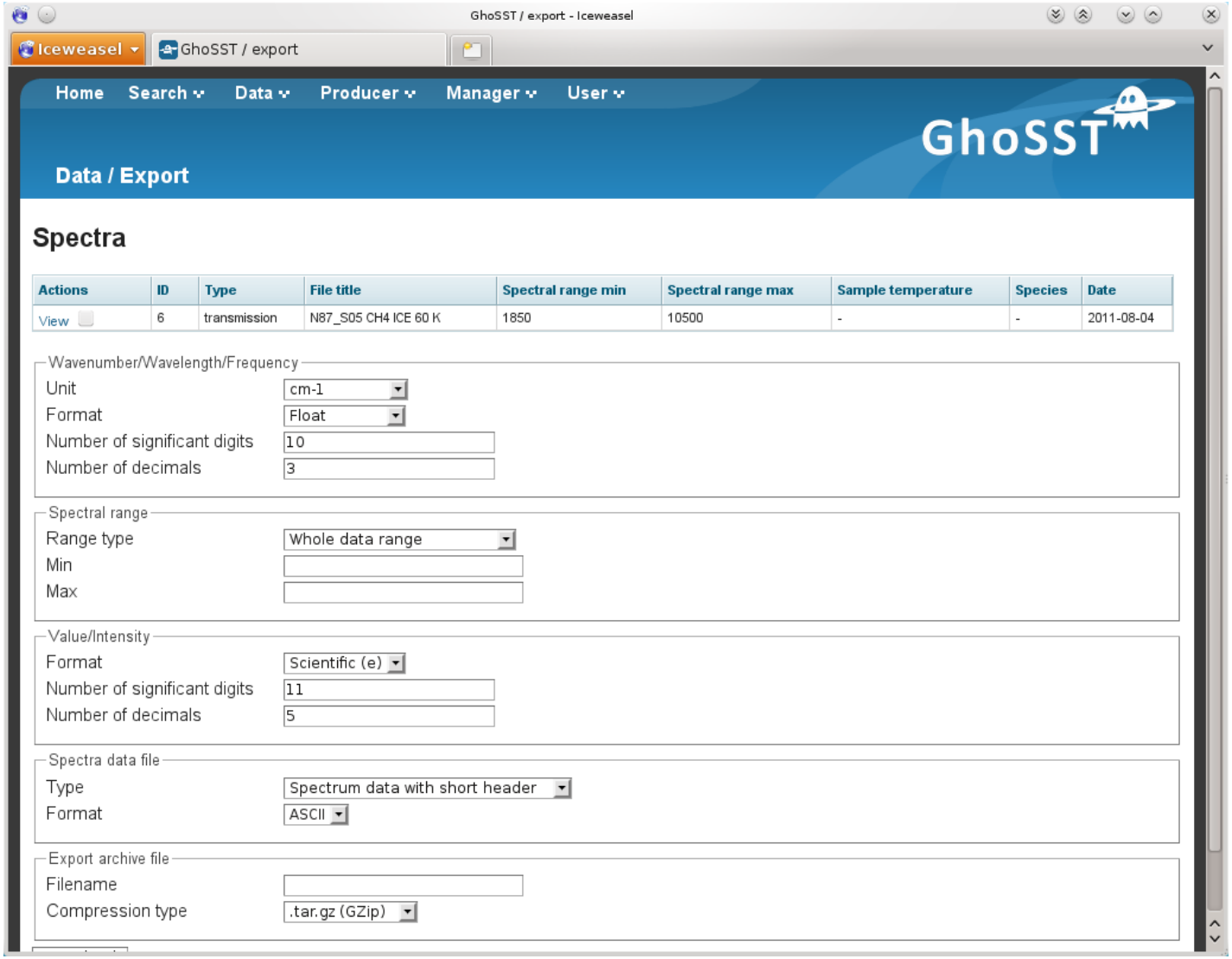
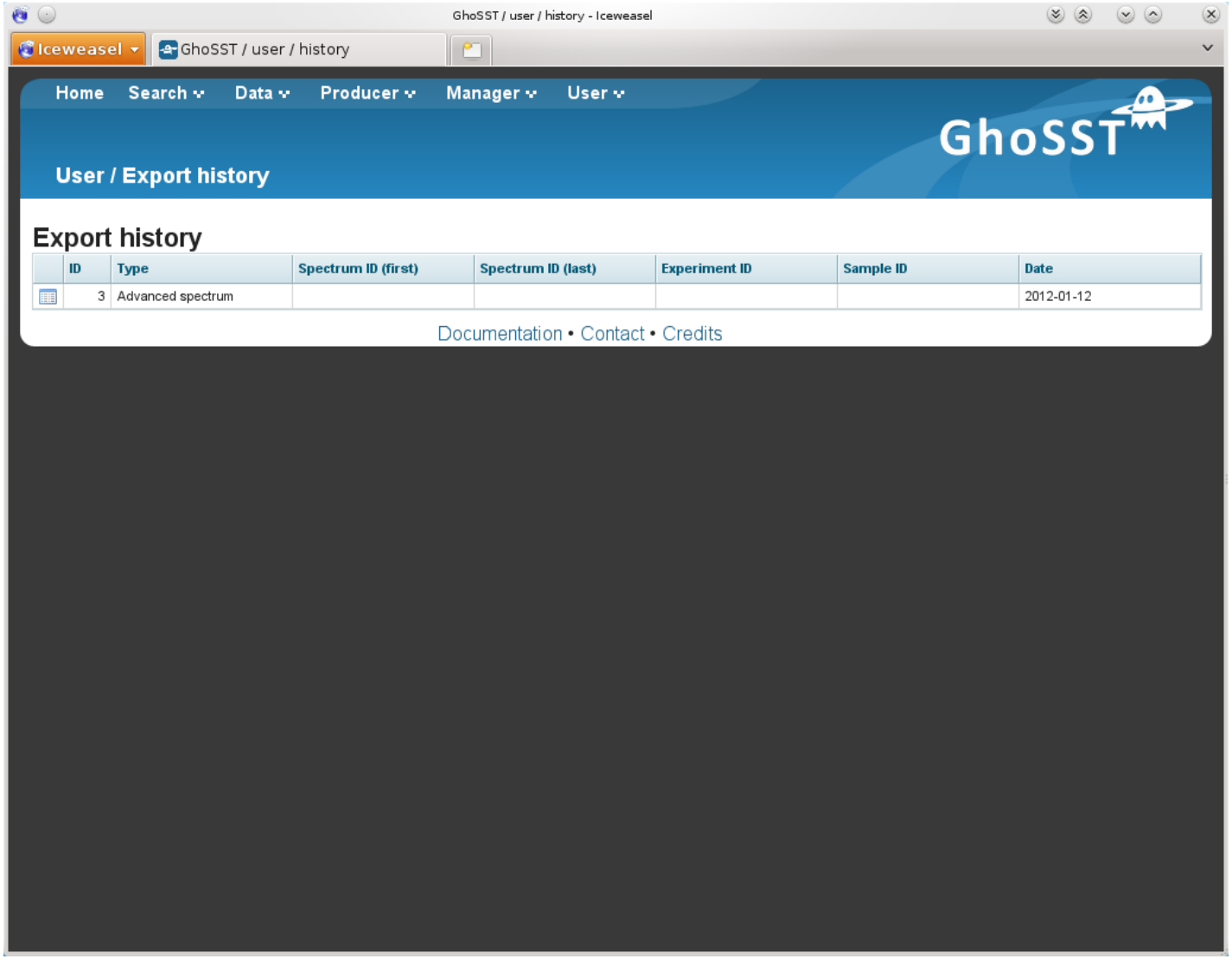
Sample ID
Sample name
Including parent/sons samples
Sample type
-- All --
Sample
Generic
Matter
Processing type
-- All --
Thermal
Pressure
Fluid
Layer
Layer type
-- All --
Granular
Compact film
Slab
Layer deposition condition
Material
Material ID
Matter origin
-- All --
Terrestrial
Extraterrestrial
Synthetic
Matter family
-- All --
Molecular
Mineral
Rock
Constituent
Constituent ID

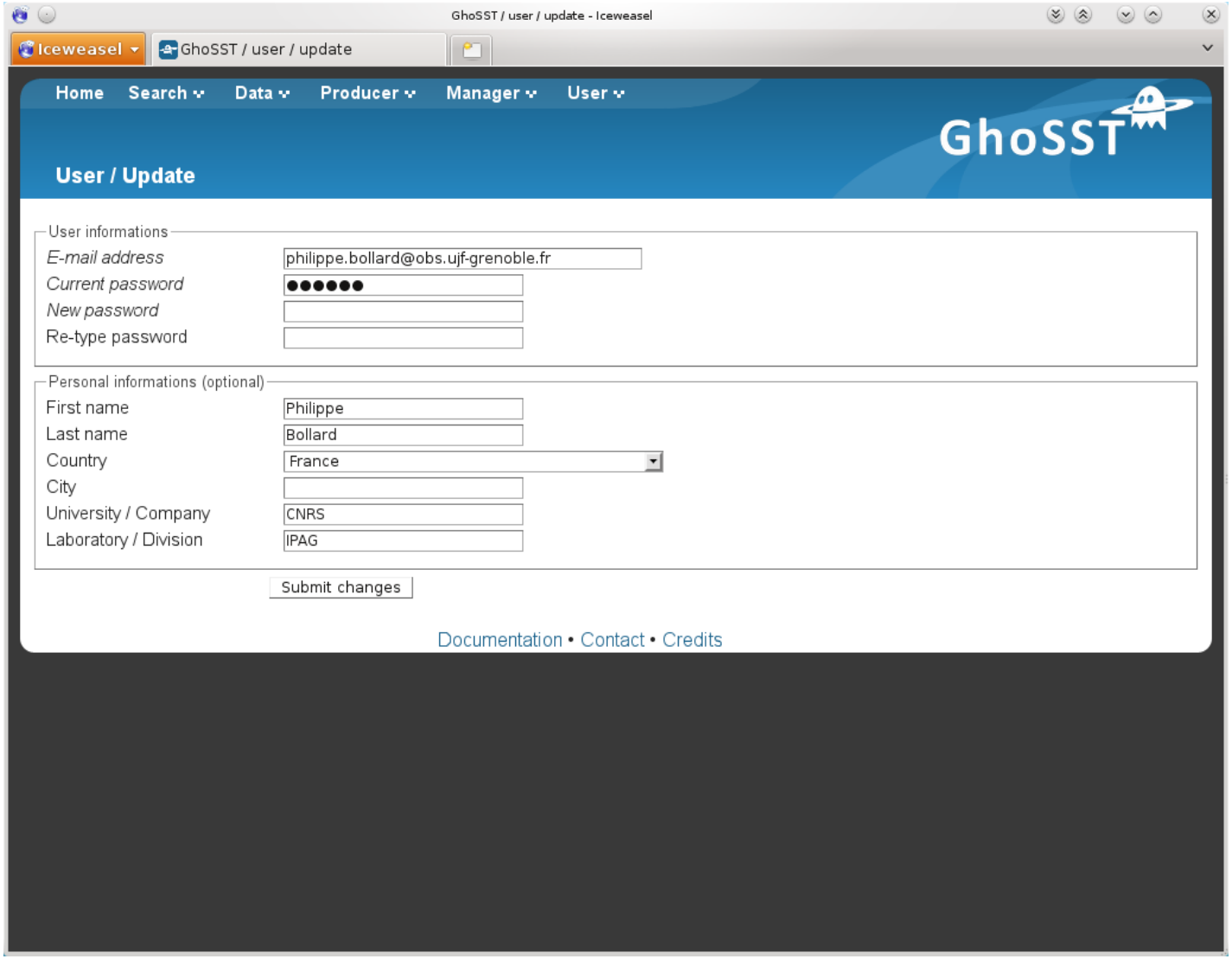
Export options



Export history



Profile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E-mail address
philippe.bollard@obs.ujf-grenoble.fr
Current password
New password
Re-type password
Personal informations (optional)
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Philippe
Last name
Bollard
Country
France
City
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Laboratory / Division
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Outline

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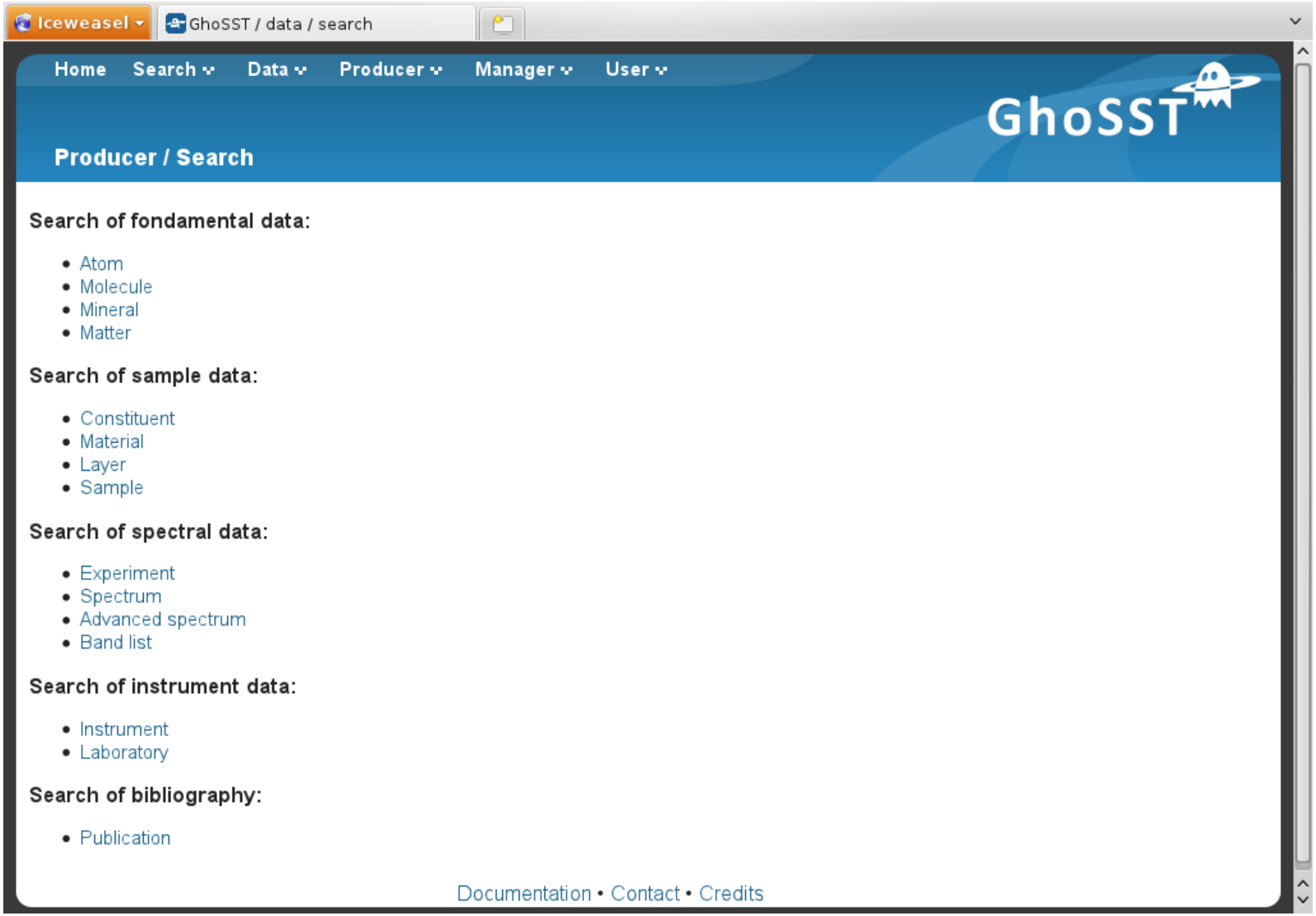

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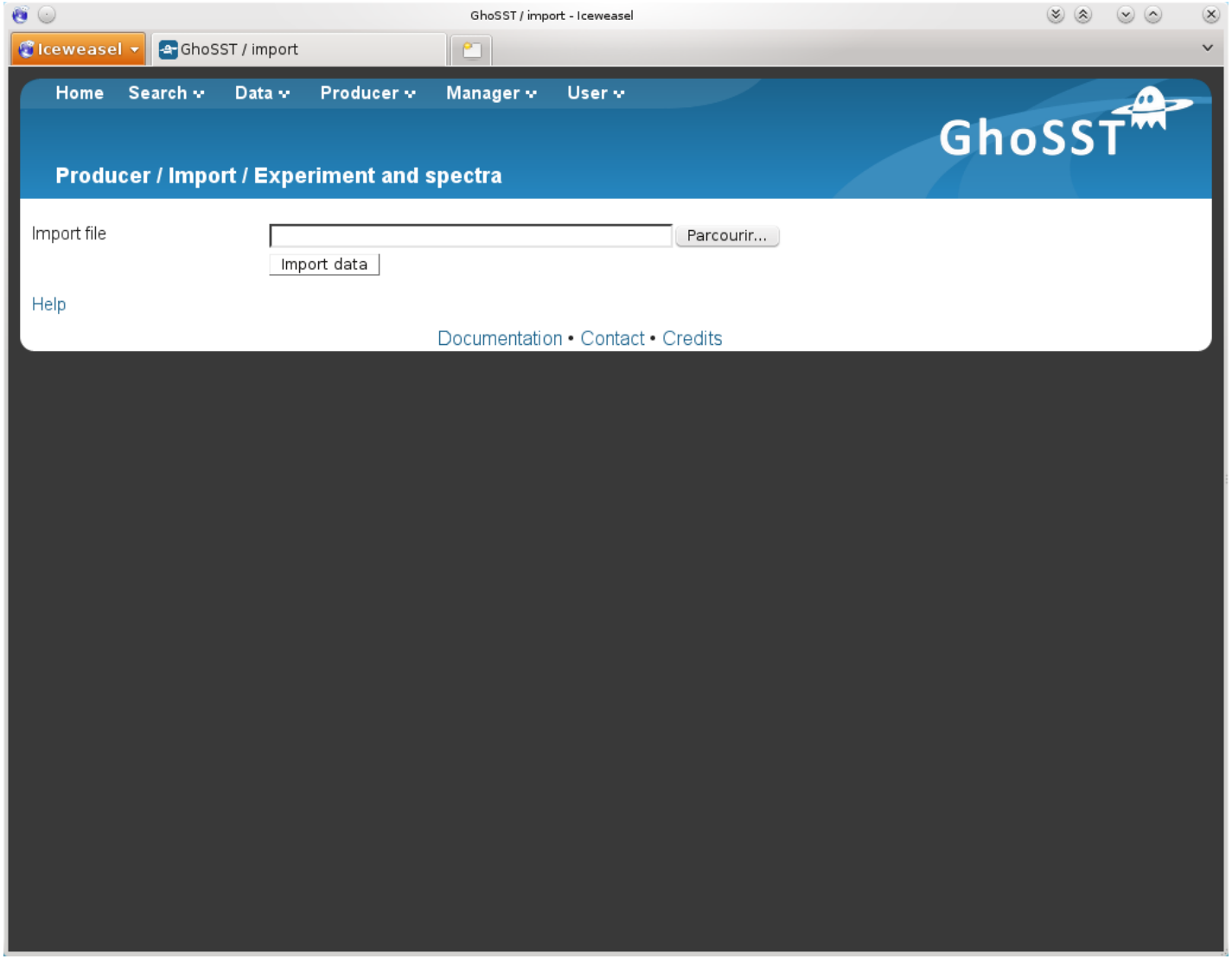
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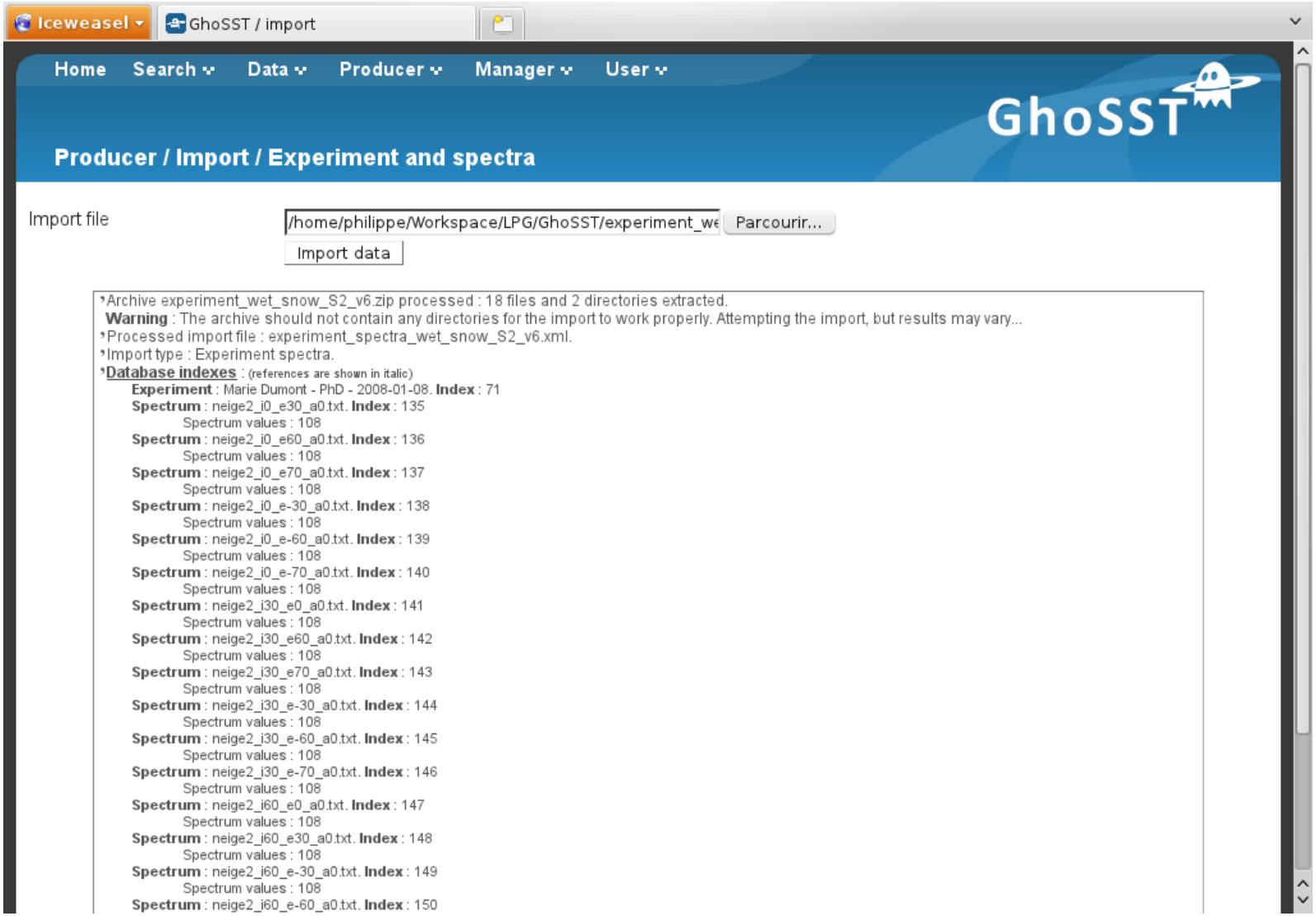
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Import data
Archive experiment_wet_snow_S2_v6.zip processed : 18 files and 2 directories extracted.
Warning : The archive should not contain any directories for the import to work properly. Attempting the import, but results may vary...
Processed import file : experiment_spectra_wet_snow_S2_v6.xml.
Import type : Experiment spectra.
Database indexes : (references are shown in italic)
Experiment : Marie Dumont - PhD - 2008-01-08. Index : 71
Spectrum : neige2_i0_e30_a0.txt. Index : 135
Spectrum values : 108
Spectrum : neige2_i0_e60_a0.txt. Index : 136
Spectrum values : 108
Spectrum : neige2_i0_e70_a0.txt. Index : 137
Spectrum values : 108
Spectrum : neige2_i0_e-30_a0.txt. Index : 138
Spectrum values : 108
Spectrum : neige2_i0_e-60_a0.txt. Index : 139
Spectrum values : 108
Spectrum : neige2_i0_e-70_a0.txt. Index : 140
Spectrum values : 108
Spectrum : neige2_i30_e0_a0.txt. Index : 141
Spectrum values : 108
Spectrum : neige2_i30_e60_a0.txt. Index : 142
Spectrum values : 108
Spectrum : neige2_i30_e70_a0.txt. Index : 143
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Spectrum : neige2_i30_e-30_a0.txt. Index : 144
Spectrum values : 108
Spectrum : neige2_i30_e-60_a0.txt. Index : 145
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Spectrum : neige2_i30_e-70_a0.txt. Index : 146
Spectrum values : 108
Spectrum : neige2_i60_e0_a0.txt. Index : 147
Spectrum values : 108
Spectrum : neige2_i60_e30_a0.txt. Index : 148
Spectrum values : 108
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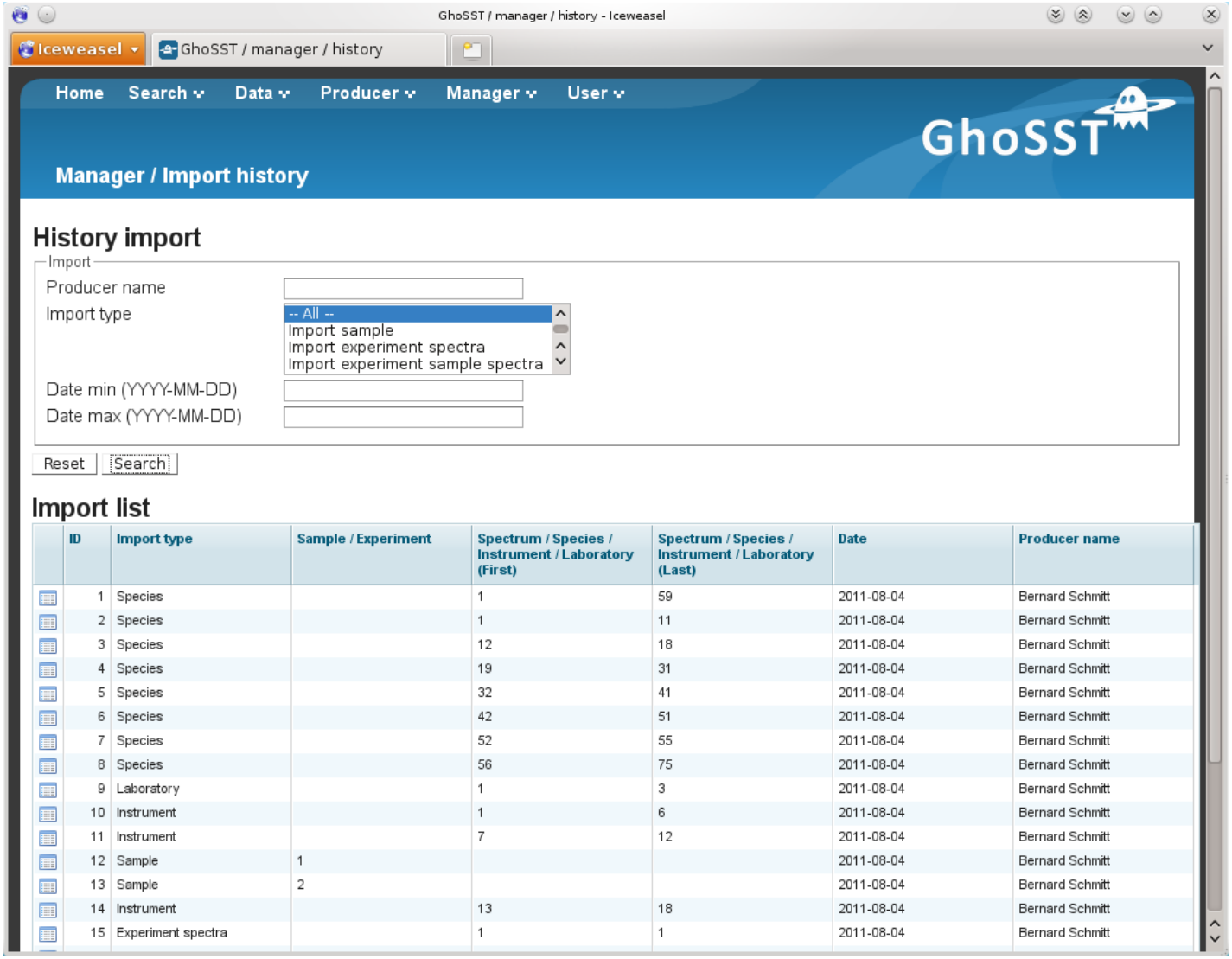
Spectrum values : 108
Spectrum : neige2_i60_e-60_a0.txt. Index : 150

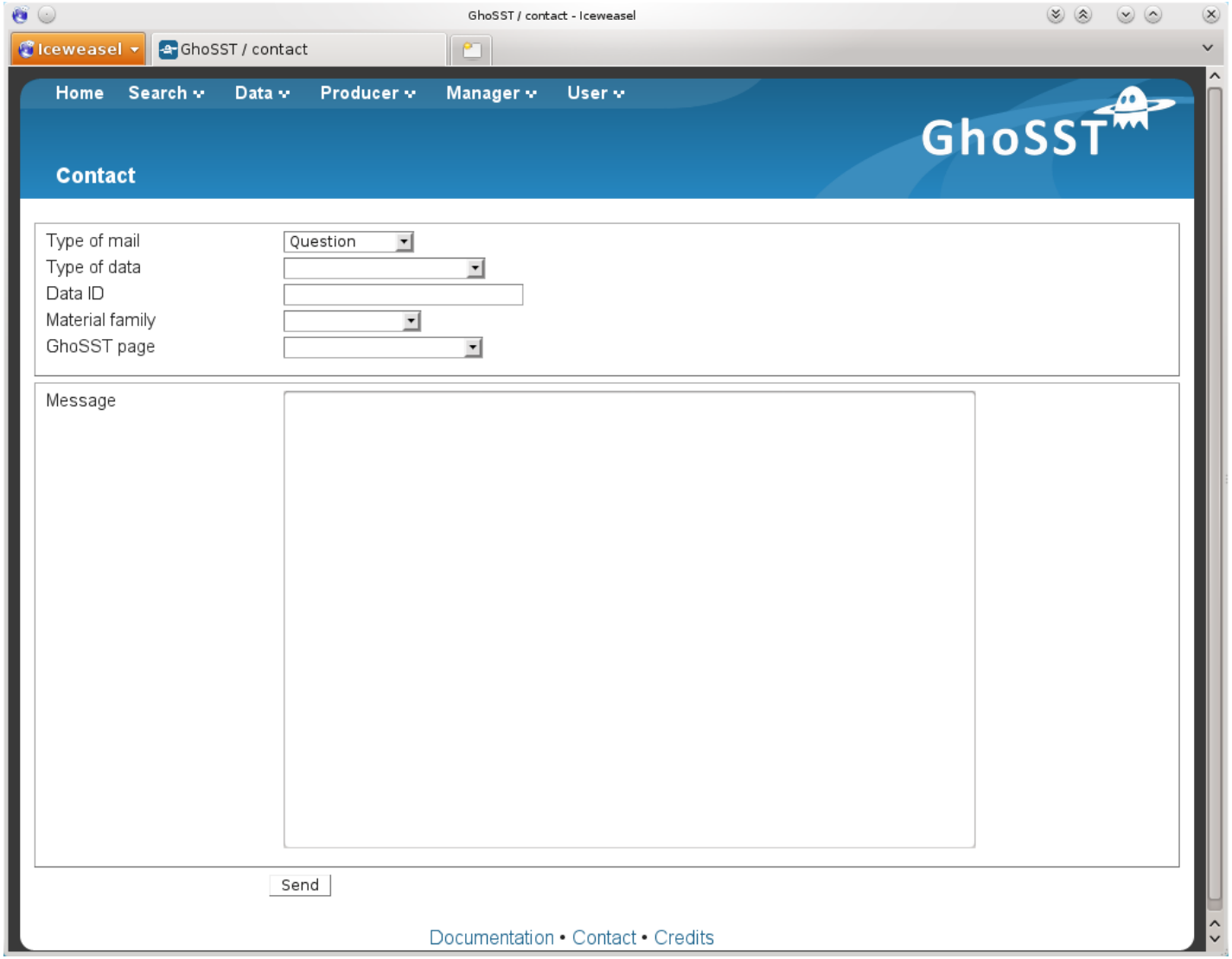
Import history



ID	Import type	Sample / Experiment	Spectrum / Species / Instrument / Laboratory (First)	Spectrum / Species / Instrument / Laboratory (Last)	Date	Producer name
1	Species		1	59	2011-08-04	Bernard Schmitt
2	Species		1	11	2011-08-04	Bernard Schmitt
3	Species		12	18	2011-08-04	Bernard Schmitt
4	Species		19	31	2011-08-04	Bernard Schmitt
5	Species		32	41	2011-08-04	Bernard Schmitt
6	Species		42	51	2011-08-04	Bernard Schmitt
7	Species		52	55	2011-08-04	Bernard Schmitt
8	Species		56	75	2011-08-04	Bernard Schmitt
9	Laboratory		1	3	2011-08-04	Bernard Schmitt
10	Instrument		1	6	2011-08-04	Bernard Schmitt
11	Instrument		7	12	2011-08-04	Bernard Schmitt
12	Sample	1			2011-08-04	Bernard Schmitt
13	Sample	2			2011-08-04	Bernard Schmitt
14	Instrument		13	18	2011-08-04	Bernard Schmitt
15	Experiment spectra		1	1	2011-08-04	Bernard Schmitt

Outline

Contact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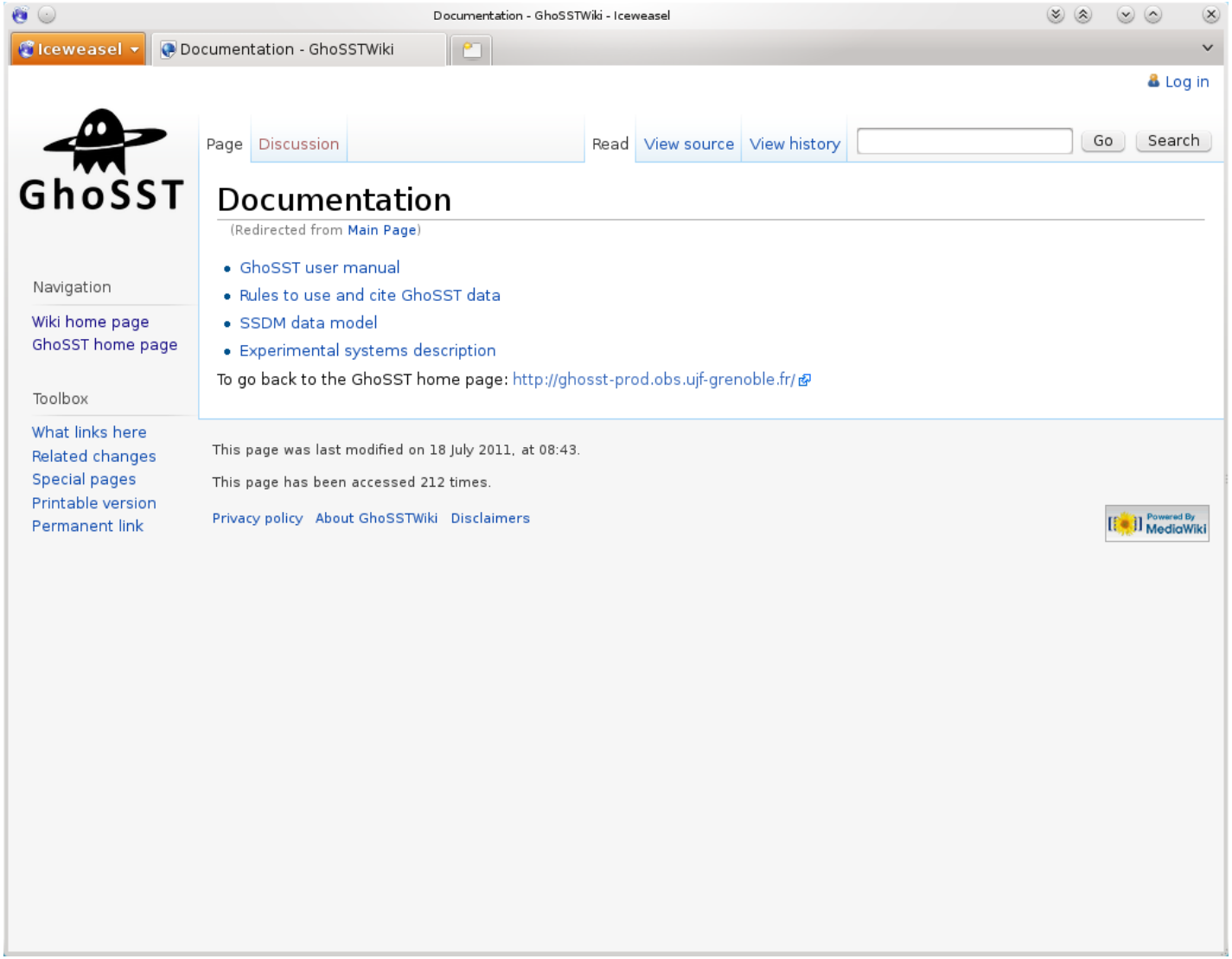
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To do during this year...

Enhancements

- GUI
- ACL
- forms and pages

New developments

- import/export of bibliography
- complex search

Conclusion

Questions?