A little Skyview for unassociated sources

The multiW-pipeline ...

- is a tool to avoid to waste days searching the web for observations
- provides you a multiwavelength overview in one glance
- help you to identify possible counterpart
- Trigger new observations
- Hope for exciting discoveries !

Test sample: list of significant (TS>100), very Galactic (|b|<1) source

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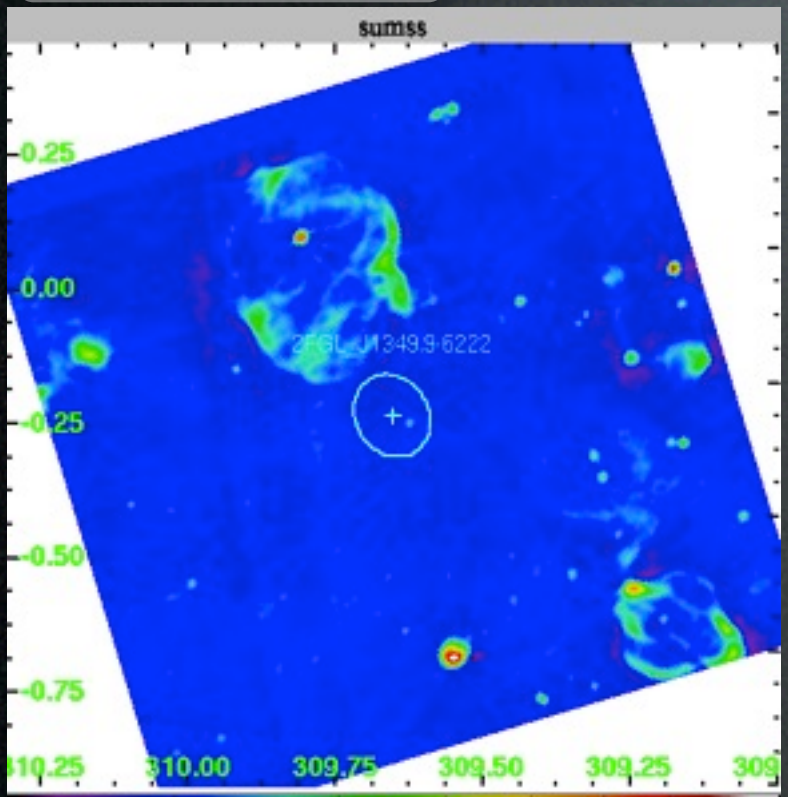
Which tracers to use ?
For what purpose ?

ex: 2FGL_J1349.9-6222

RADIO
AGN, SNR, binary system, ...



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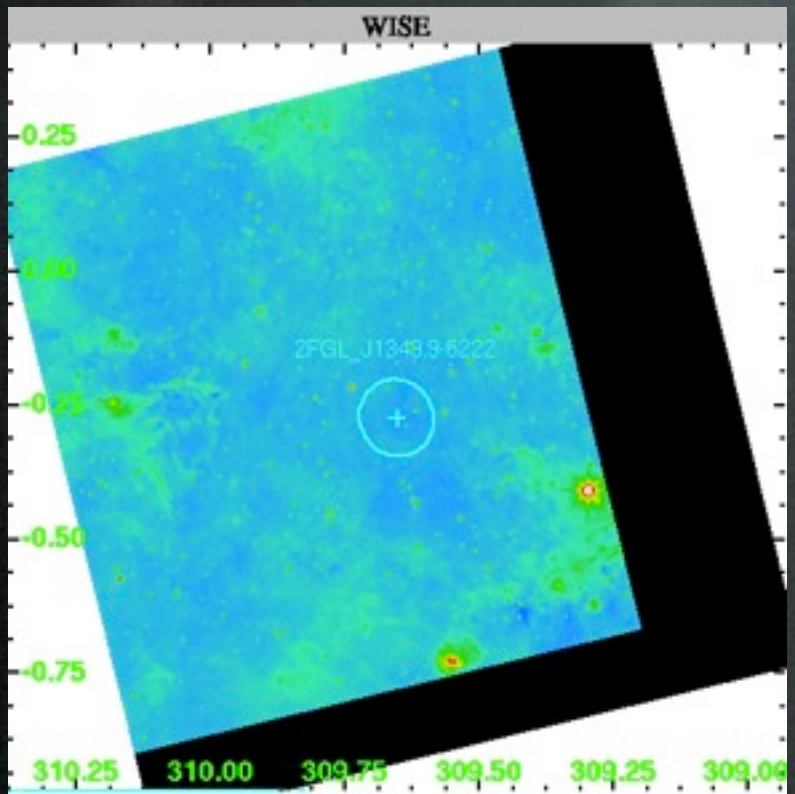

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PSR, PWN, SNR,
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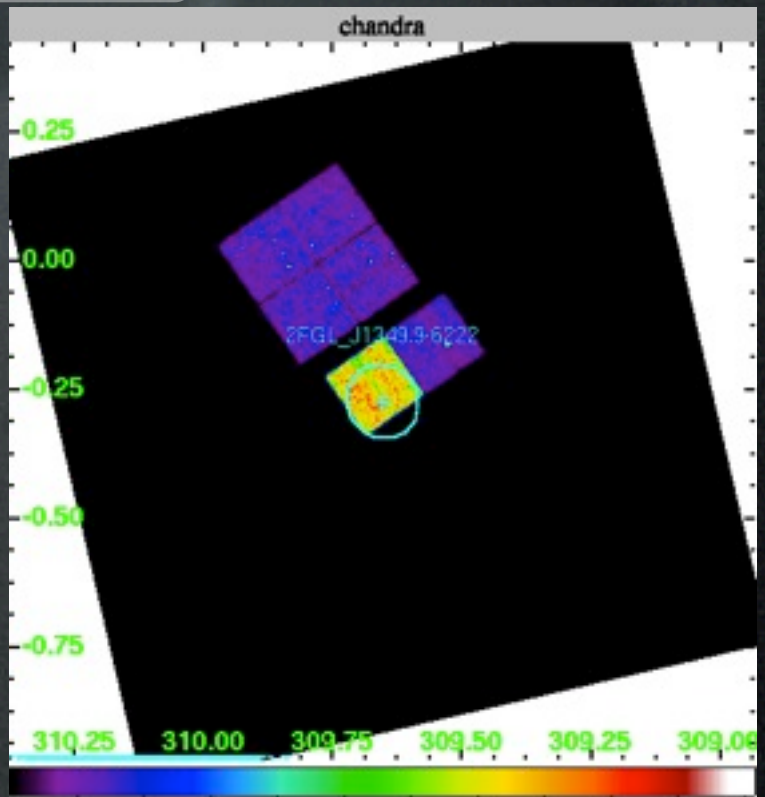

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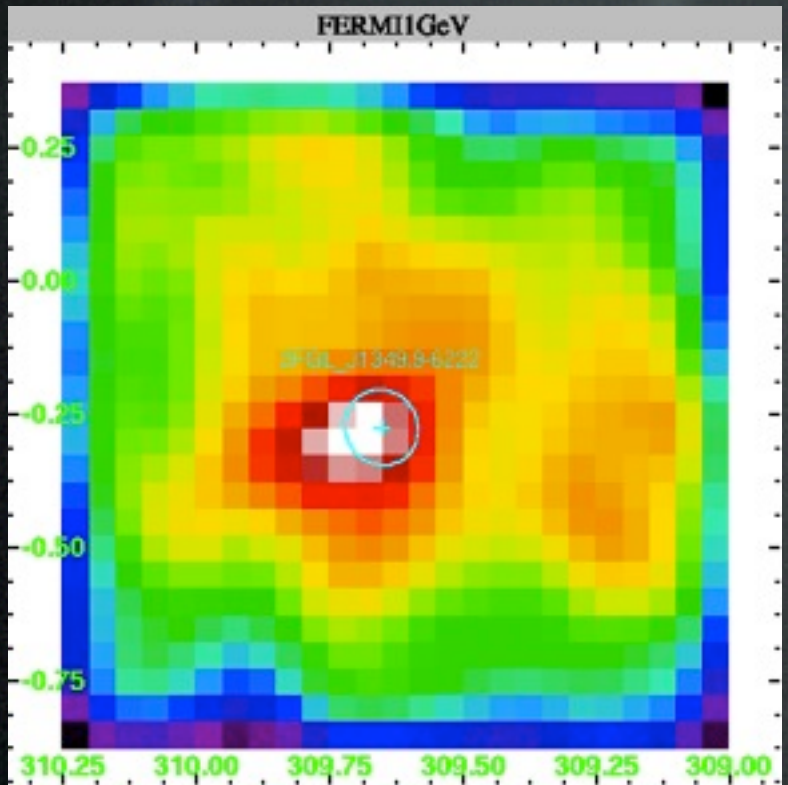

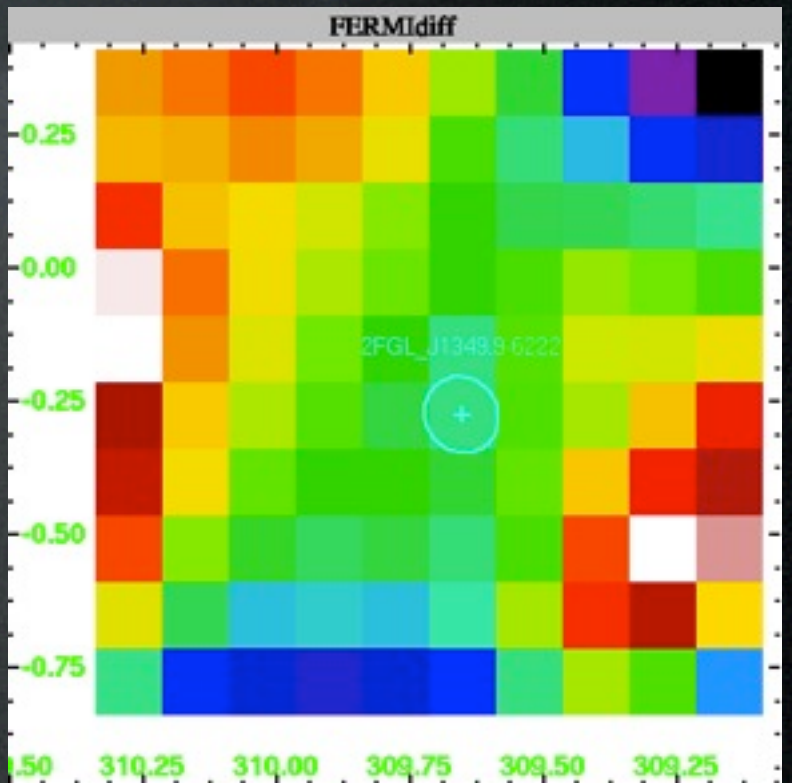

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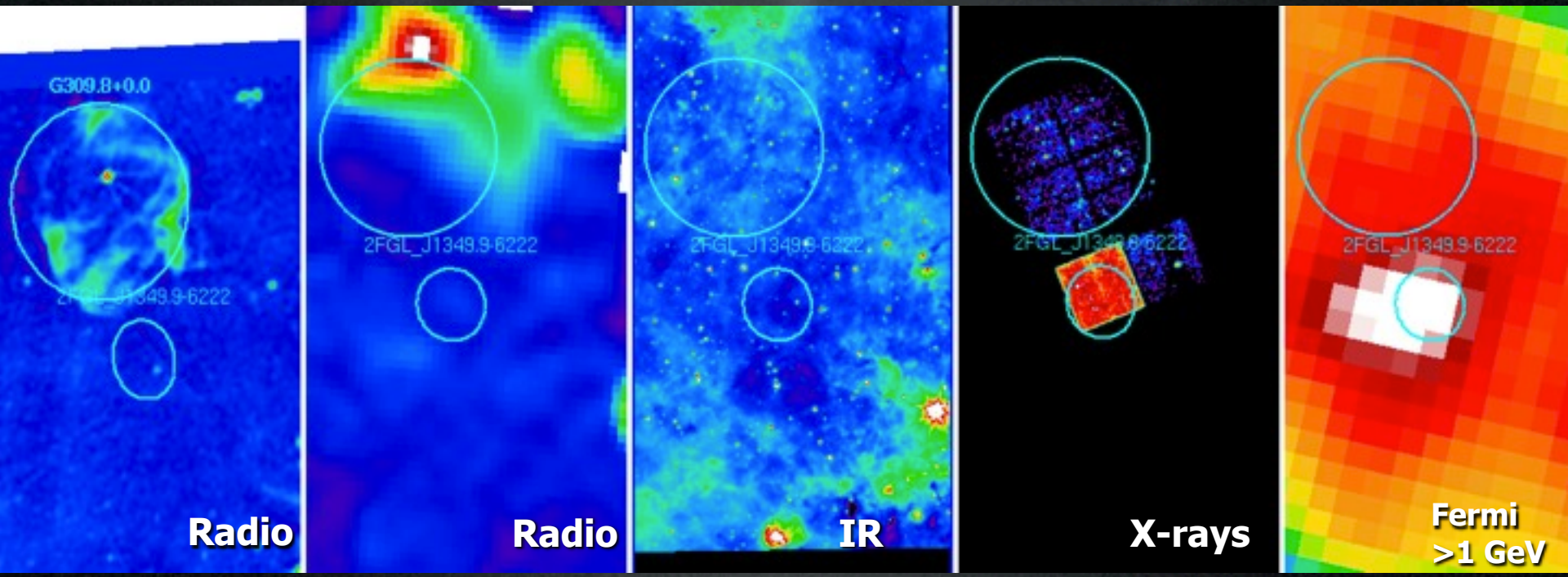

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What we have so far

RADIO

- SUMSS 0.84 GHz
- VLSS 1.4 GHz
- PMN 4.8 GHz
- **WMAP** 25-90 GHz
- 12CO

IR

- GLIMPSE 8 µm
- **WISE** 12 µm
- MIPSGAL 24 µm

IR sky at arcsec resolution

X-rays

0.1-2.4 keV
- **RASS**
- PSPC

0.5-10 keV
- XMM 6000 obs
- Chandra 10000
- Suzaku 2000

25000 pointed obs !!

γ-rays

- **Cmap** E > 1 GeV
- **Cmap** E > 5 GeV
- **Diffuse** model
- 12CO

Nearly 40000 fits images in database. Fits in a USB key !

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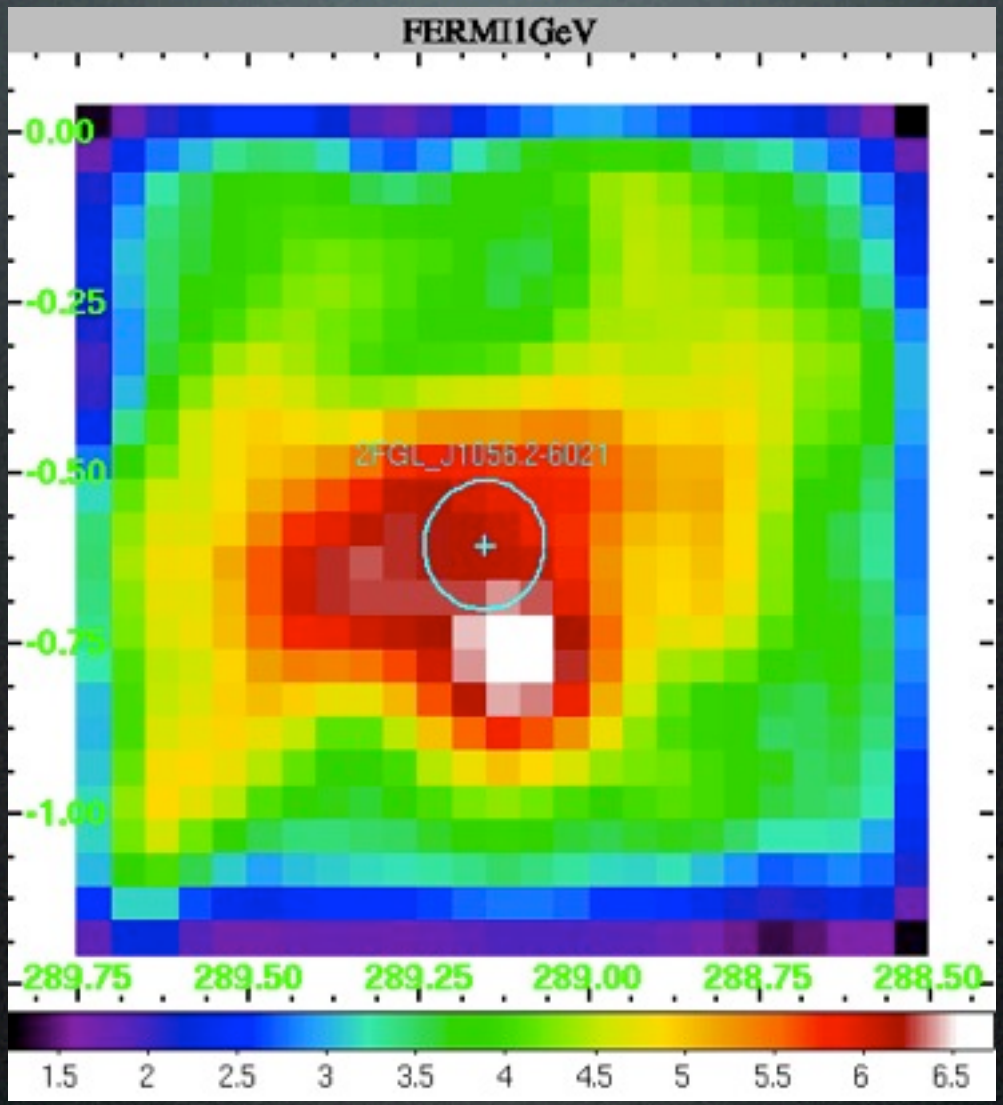

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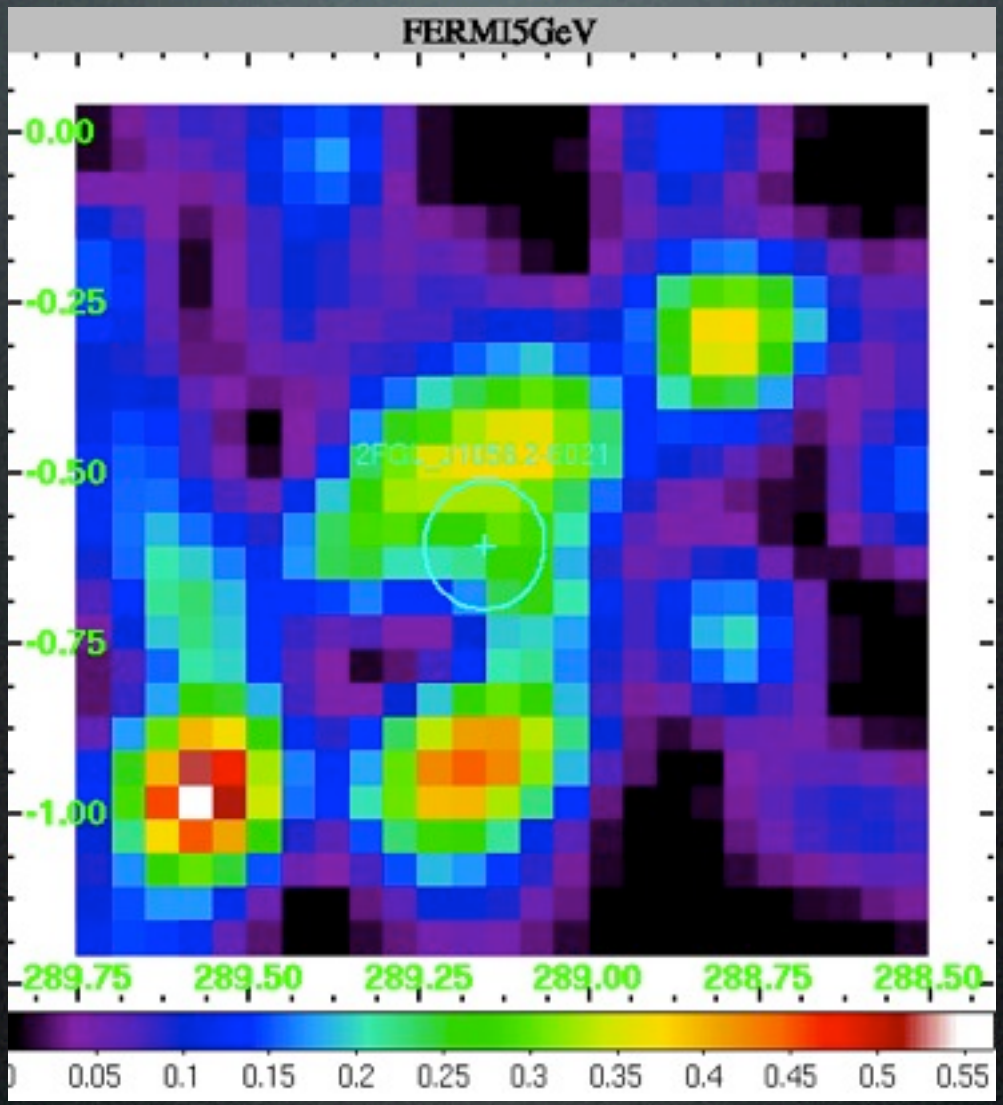

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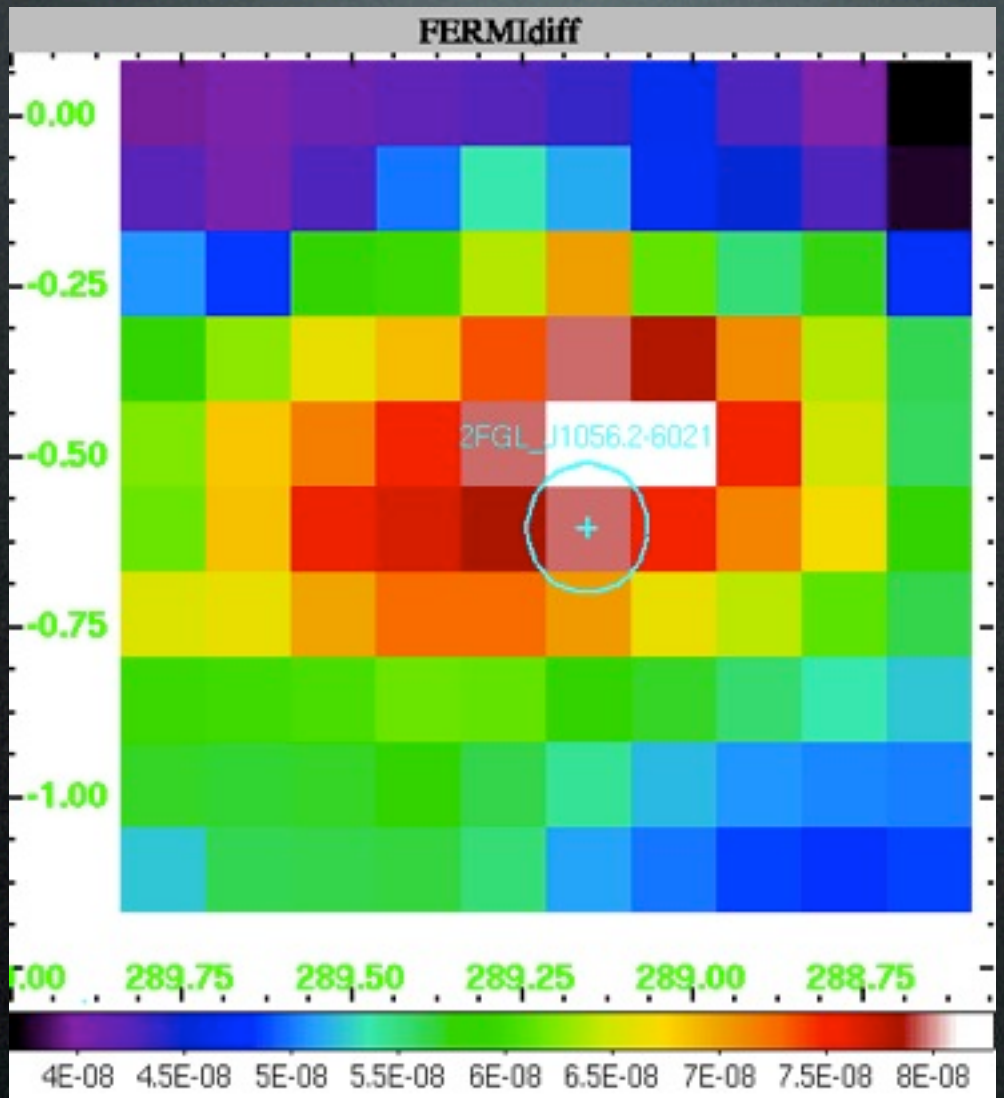

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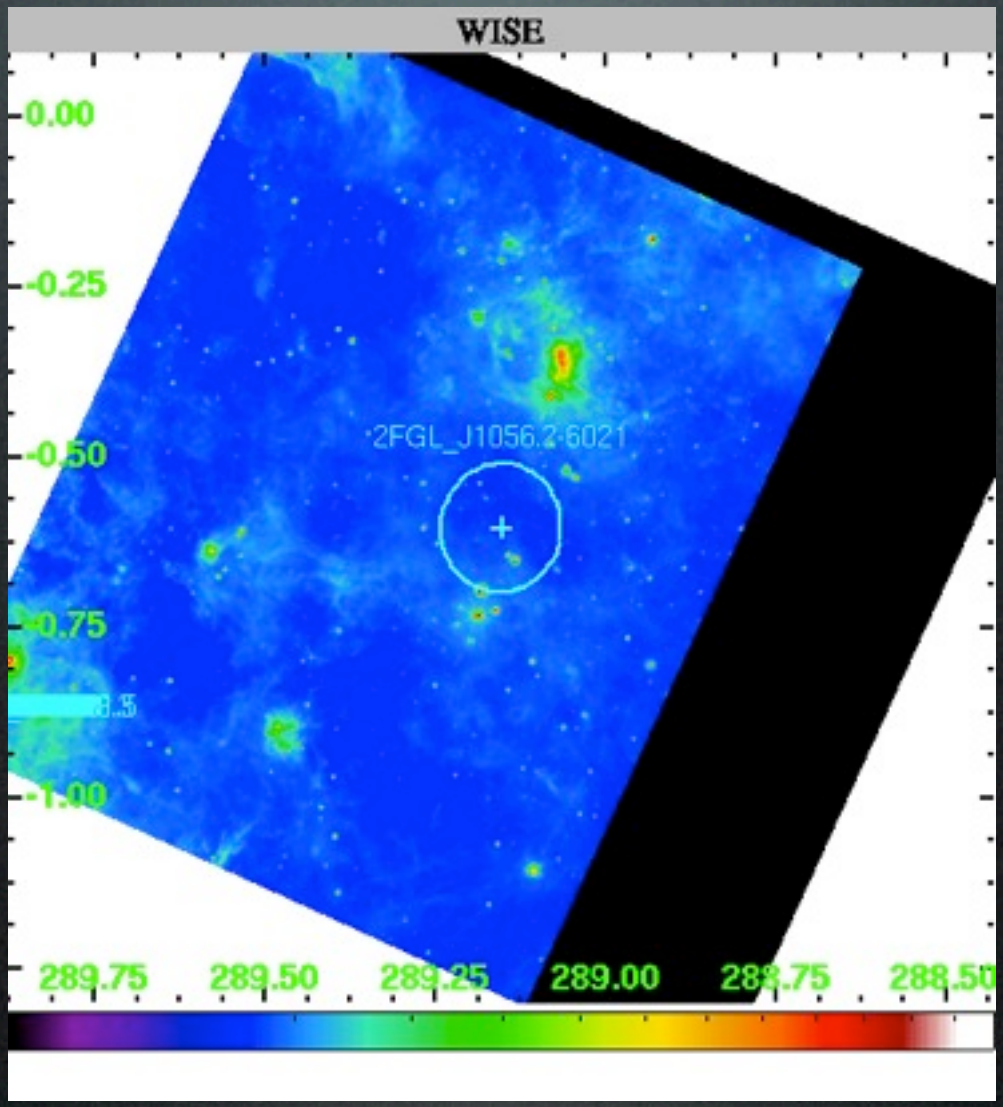

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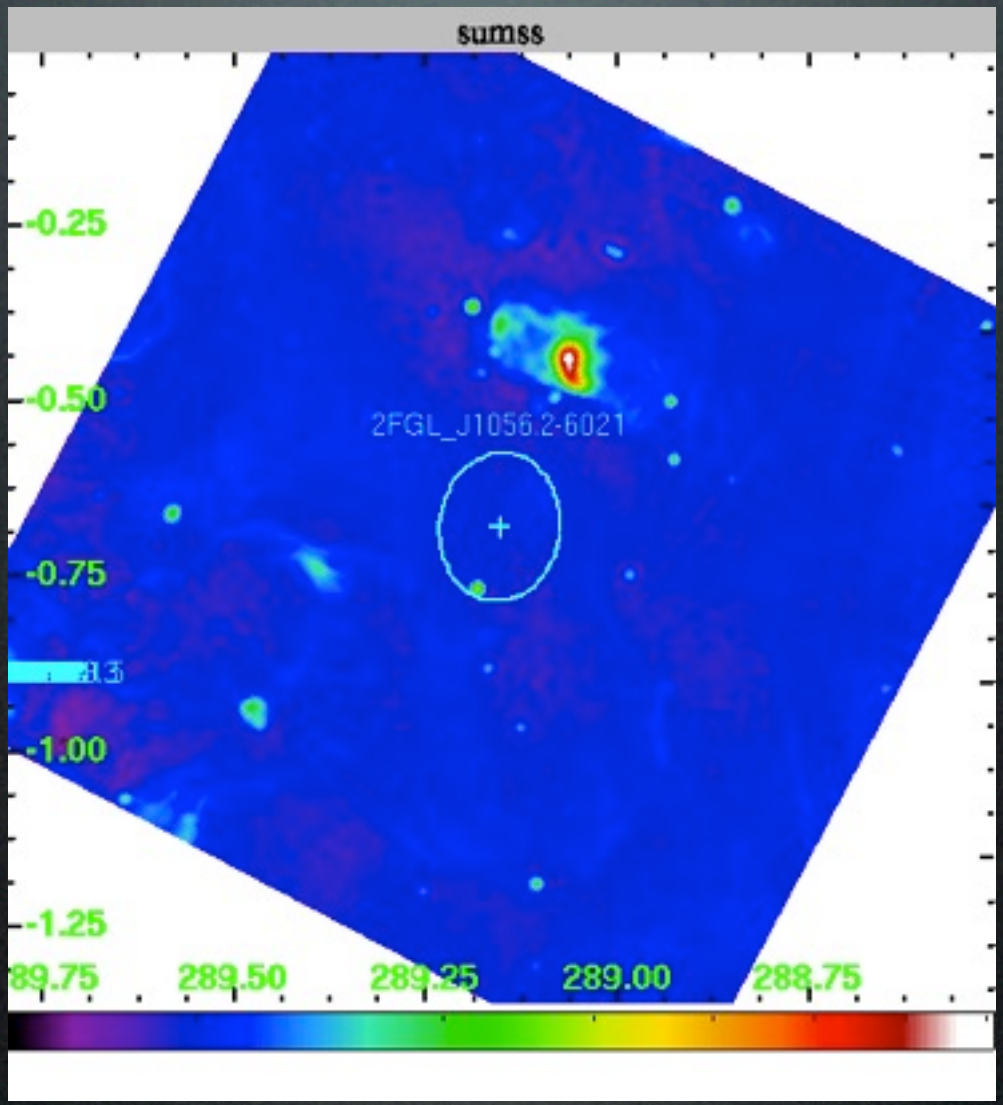

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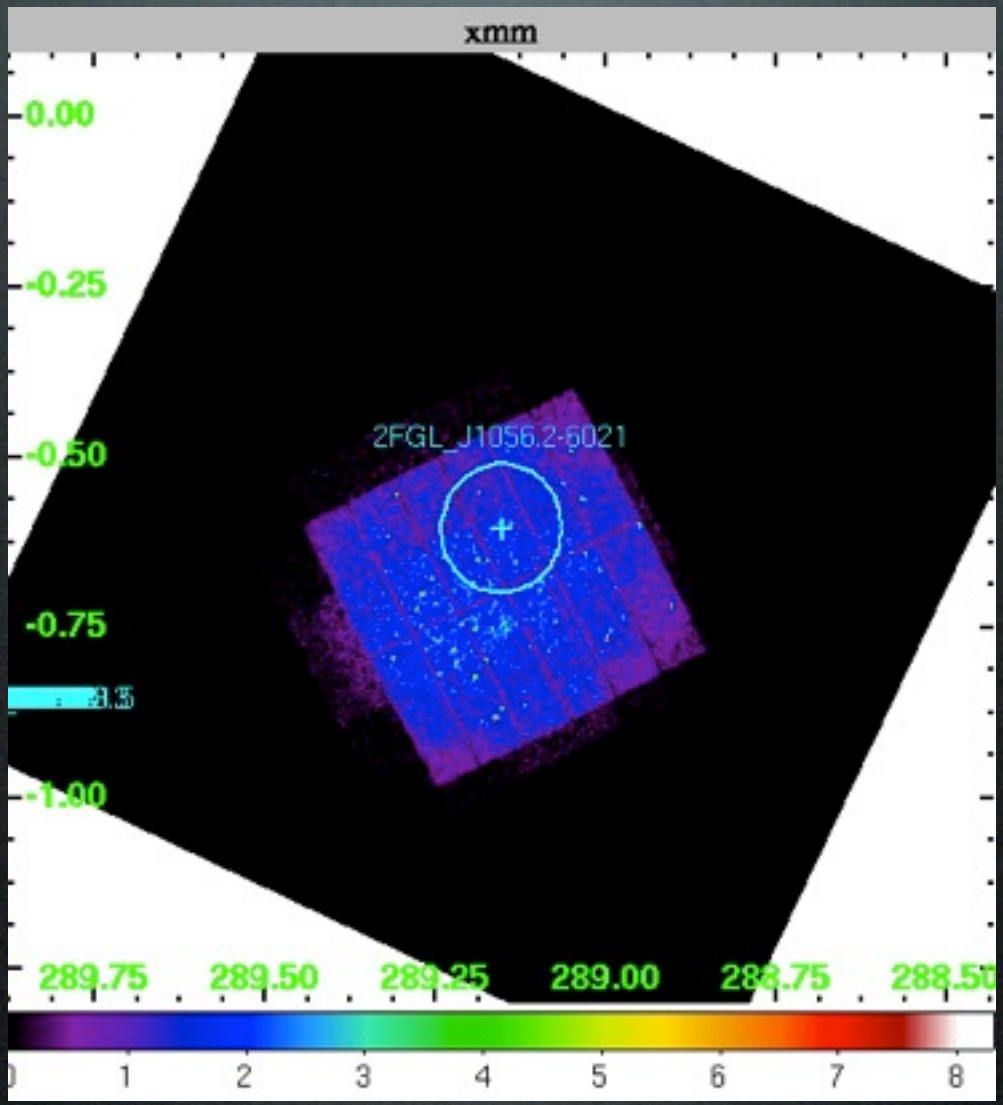

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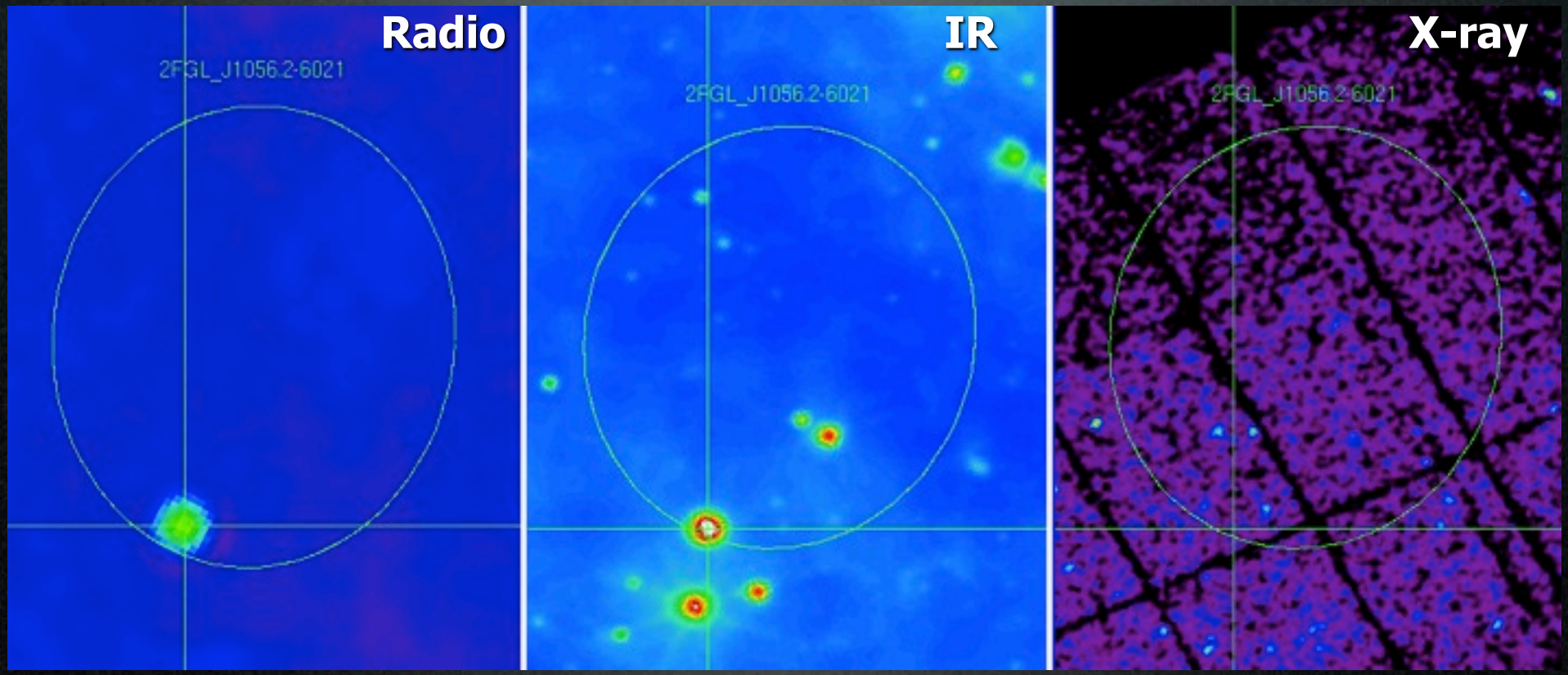

Possible counterpart ? Binary system ?

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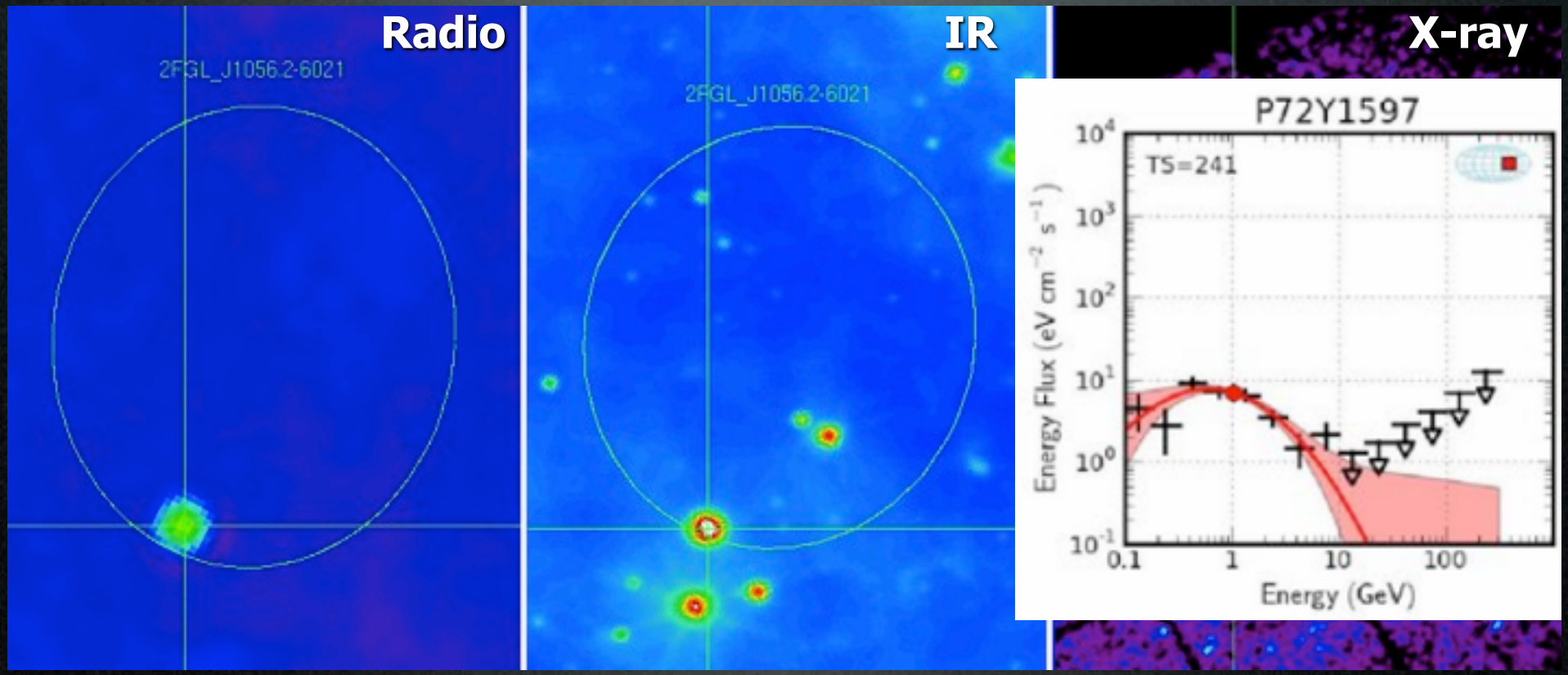

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Perspectives

- Human in the loop is inescapable. Try to reduce the load as much as possible
- Present produced images through a web page
  Have in one location: Fermi information + multiW images
- Derive flux/UL from interesting candidates for SED