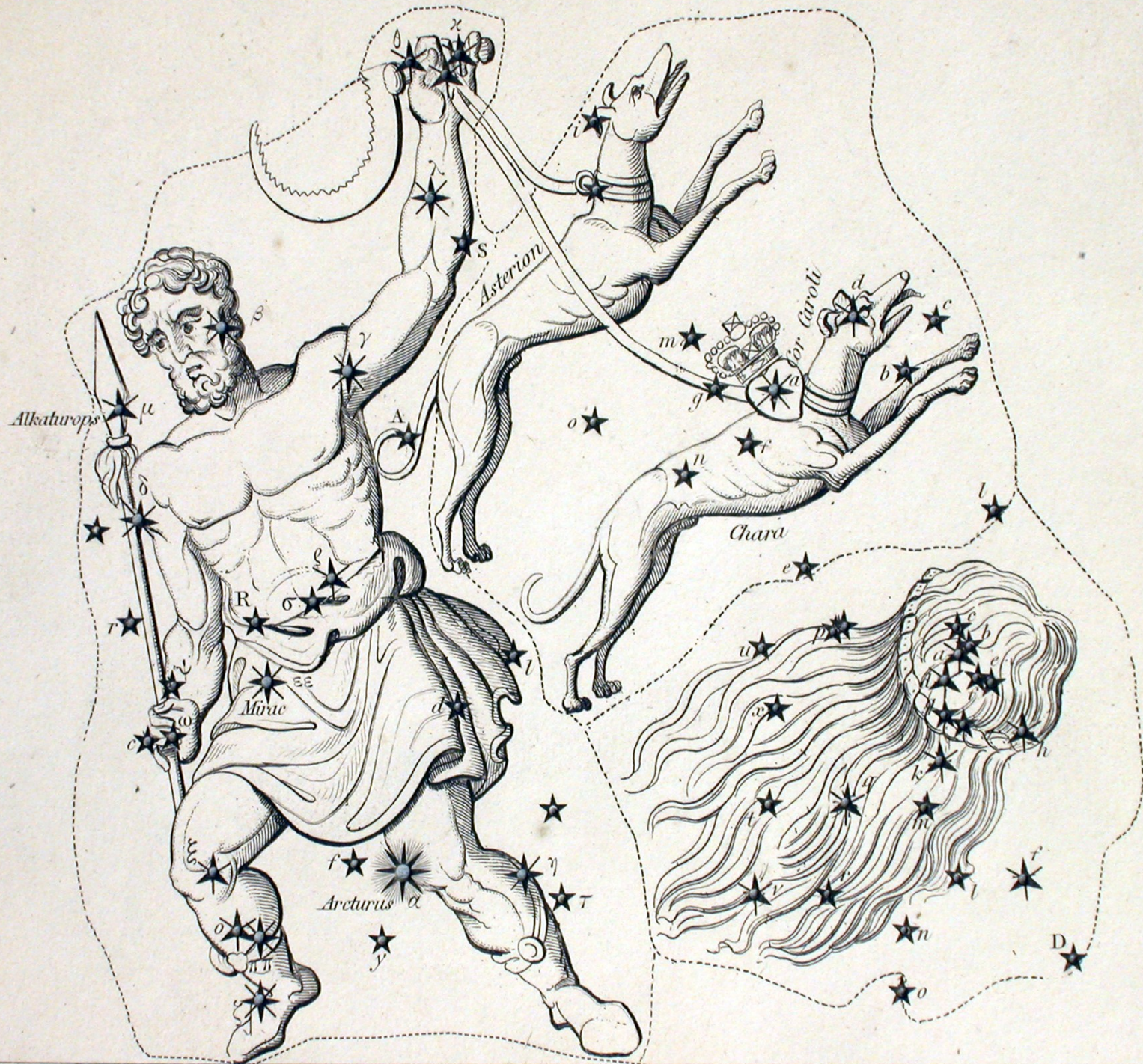


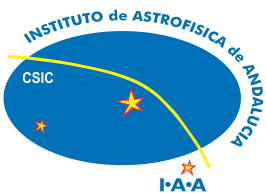
BOOTES, CANES VENATICI AND COMA BERENICES.



GRB observations with BOOTES



Martin Jelínek
IAA CSIC Granada

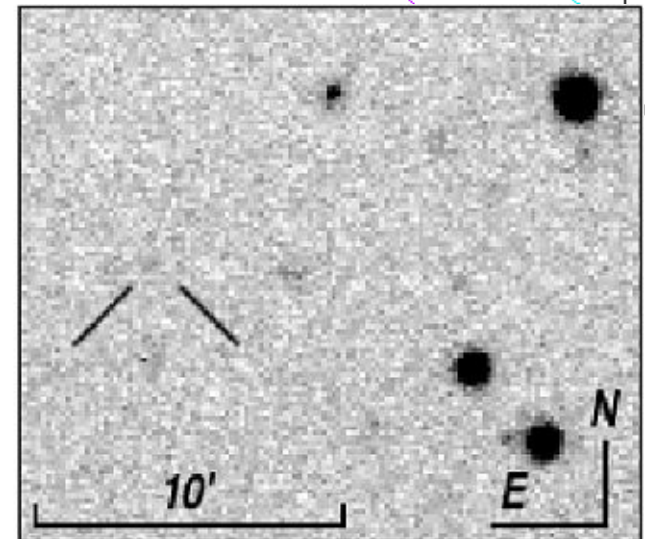
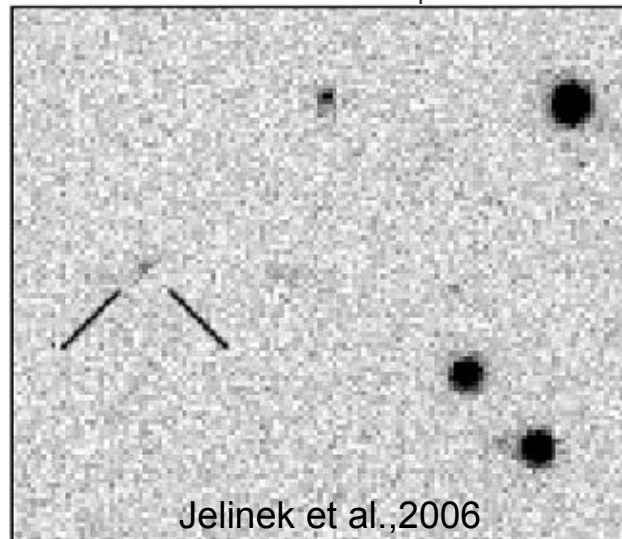
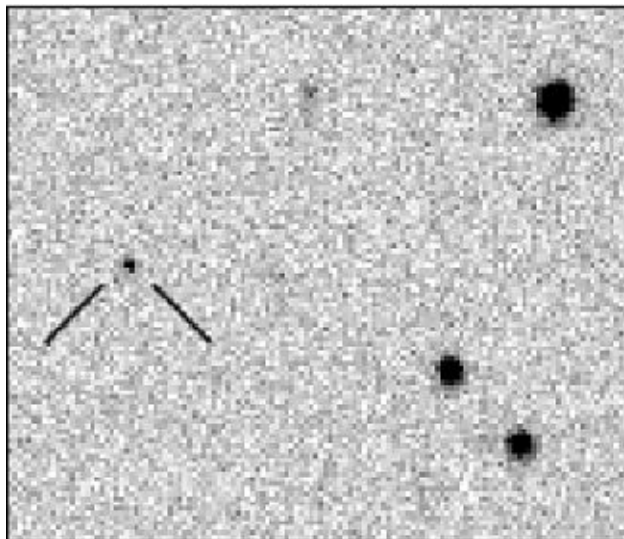
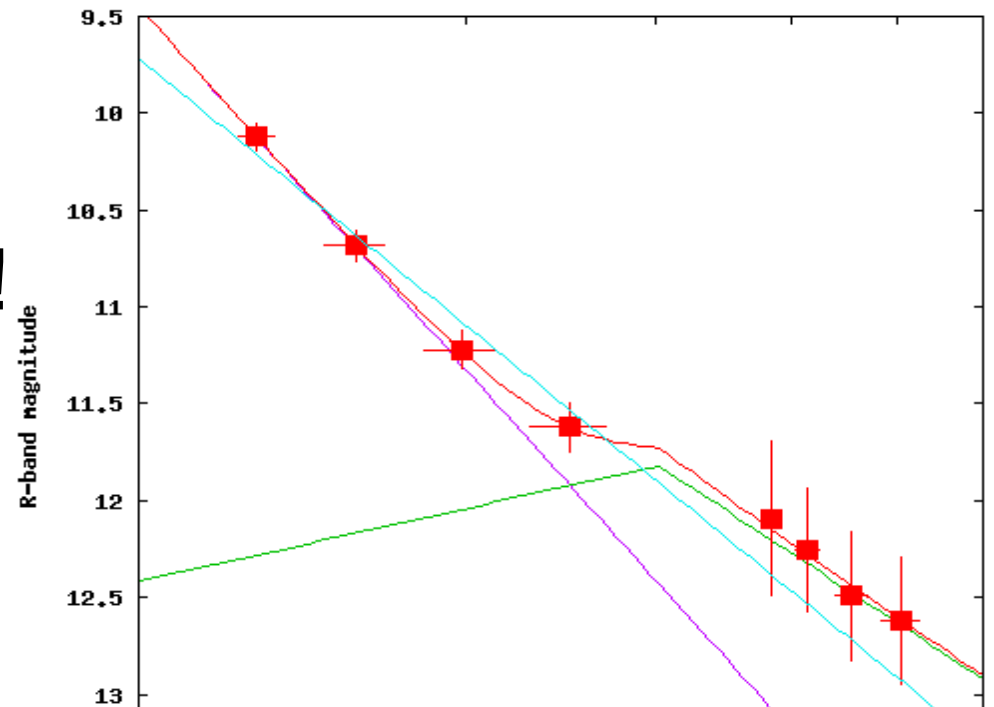


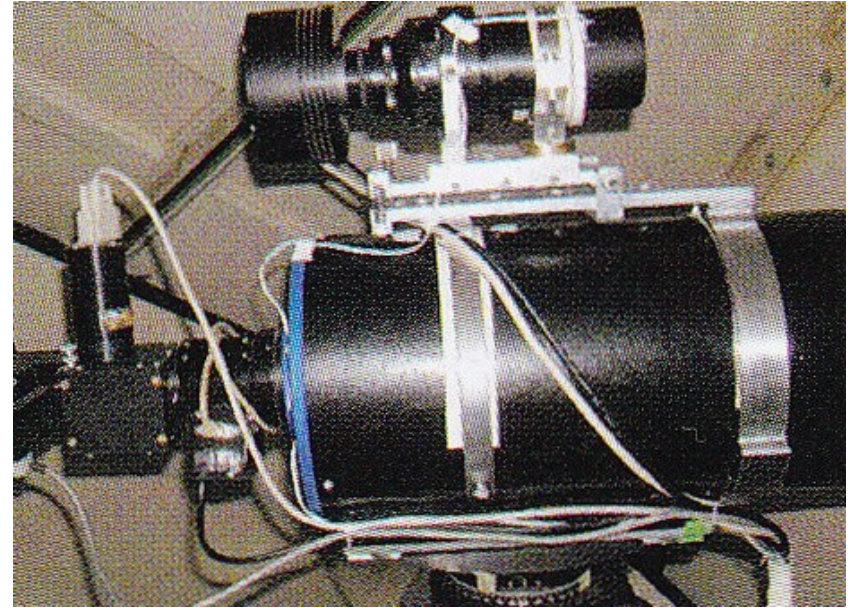
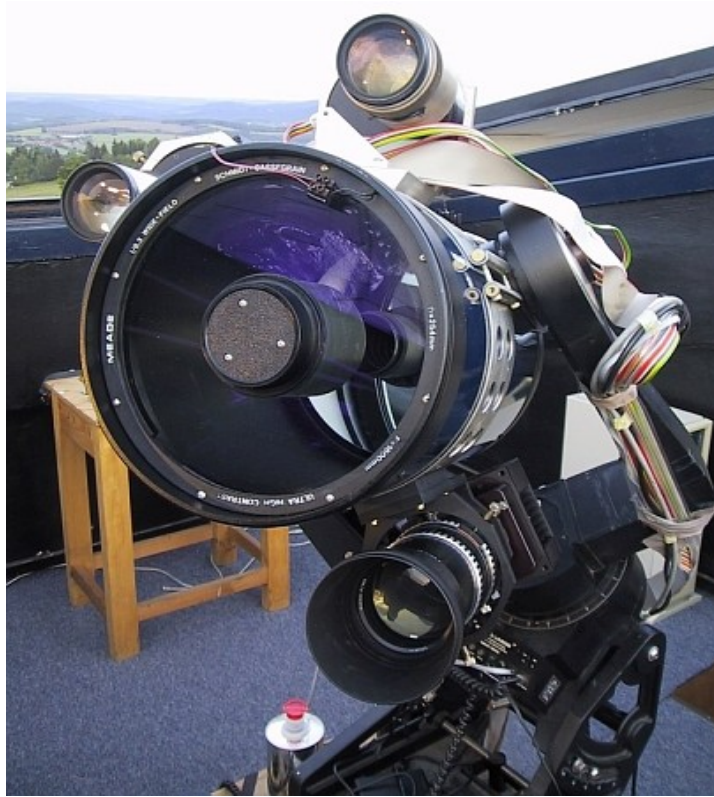
BOOTES sites in Andalucía



The curse of 990123

- Optimistic wave
- OT are not that bright!
- One of 30..?
- GRB 060117





BOOTES

telescopes



BOOTES-1



BOOTES-IR



BOOTES-2

BOOTES-1B

2004-2006

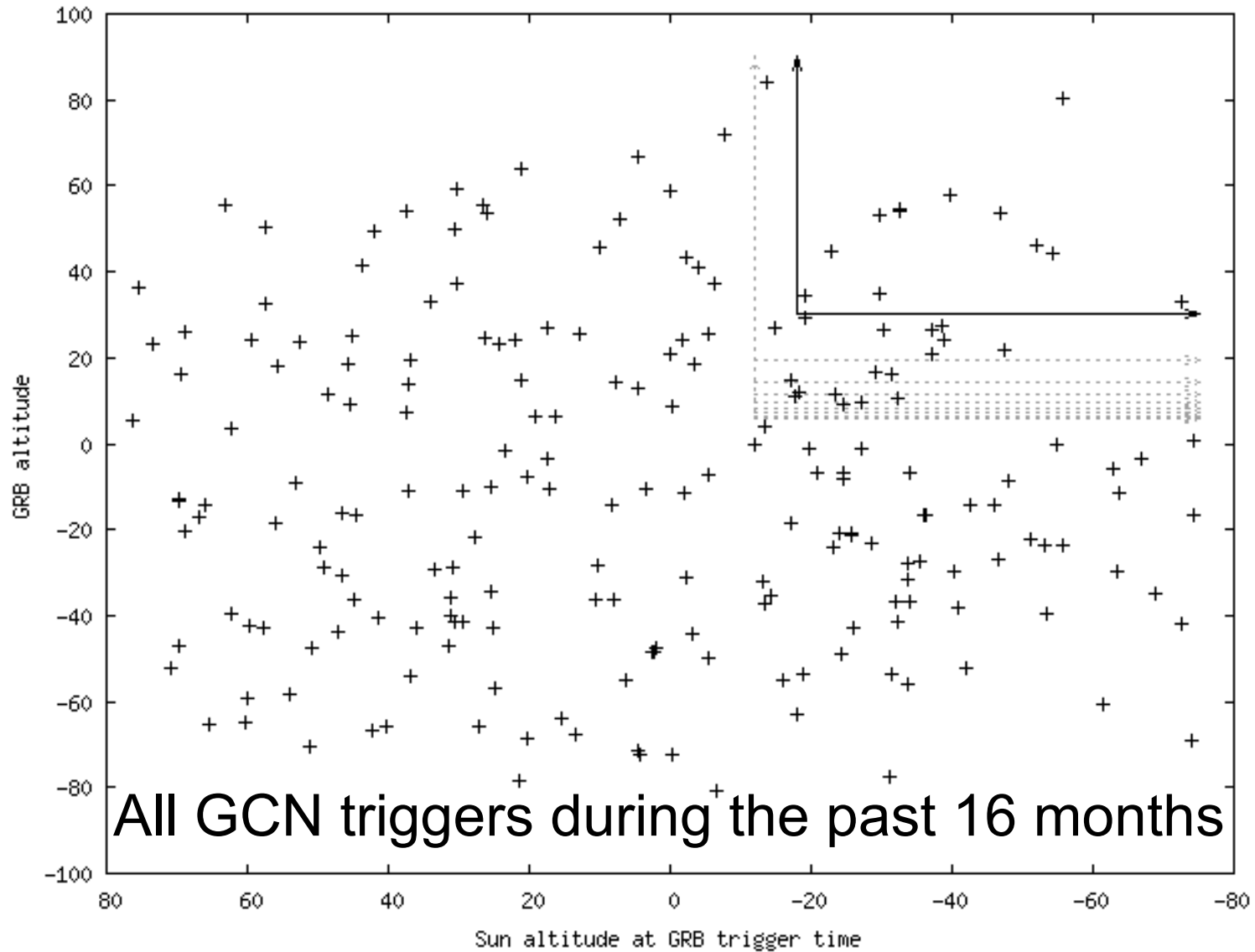
1998-2003



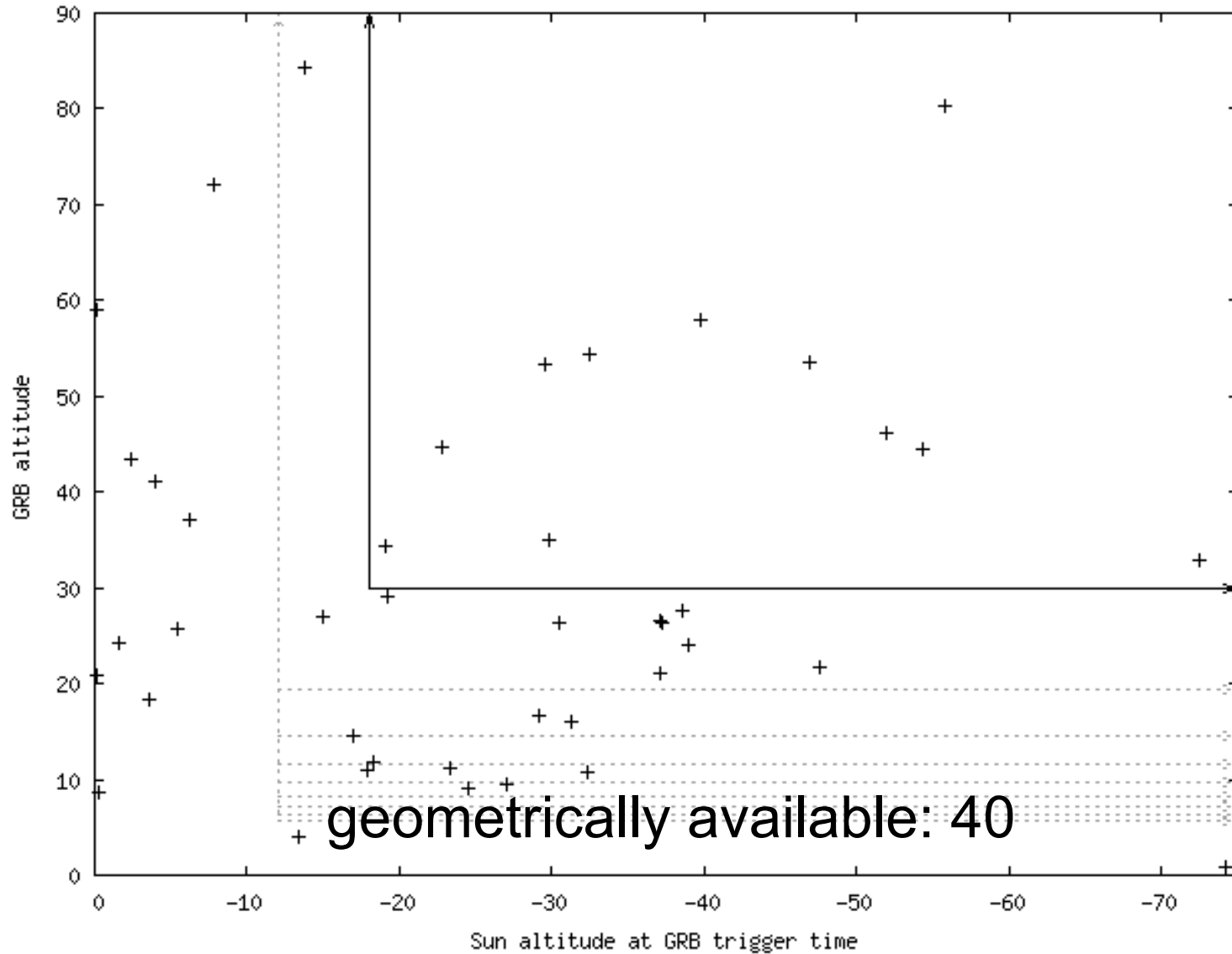
2006-now



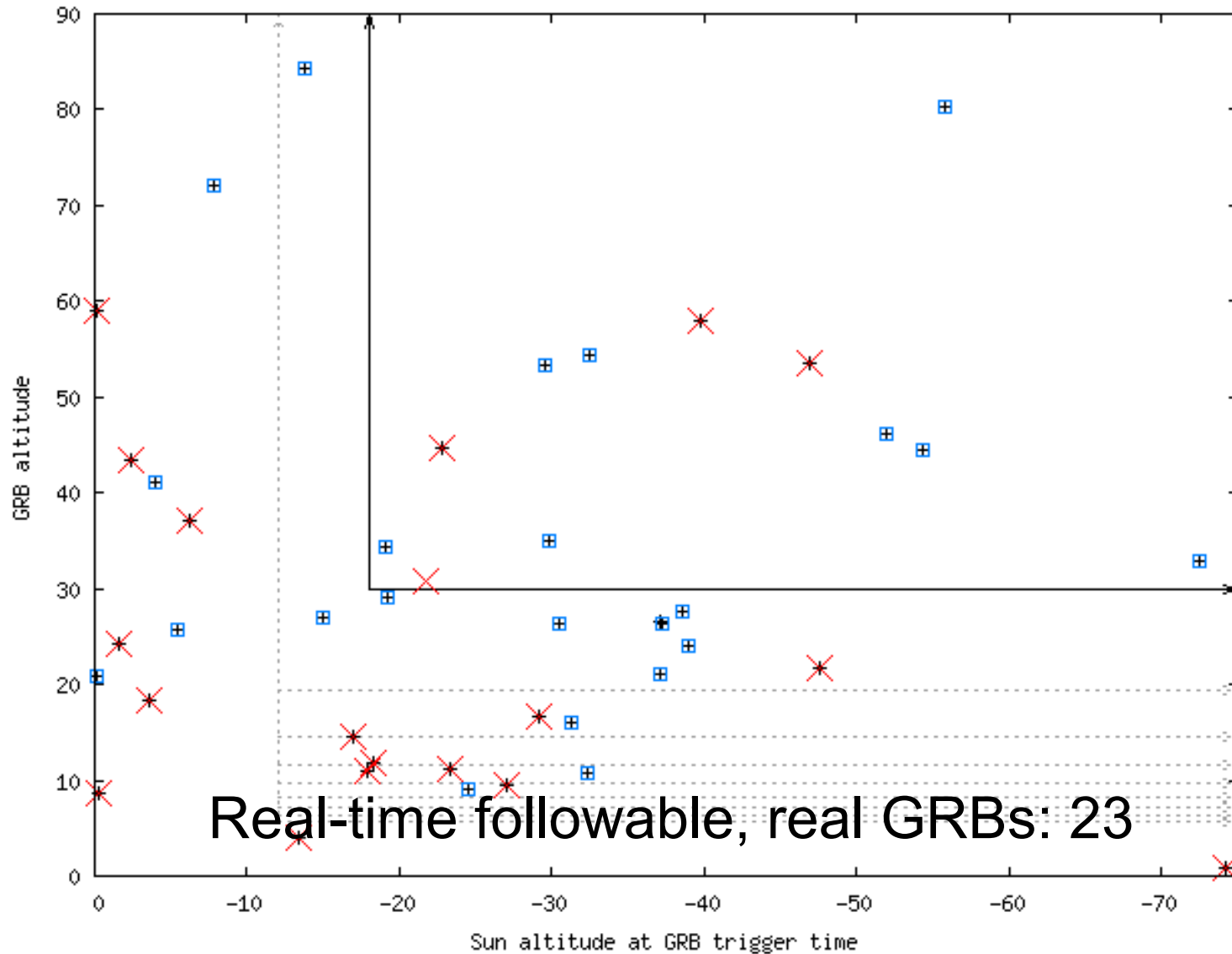
„our share of the GRB cake“



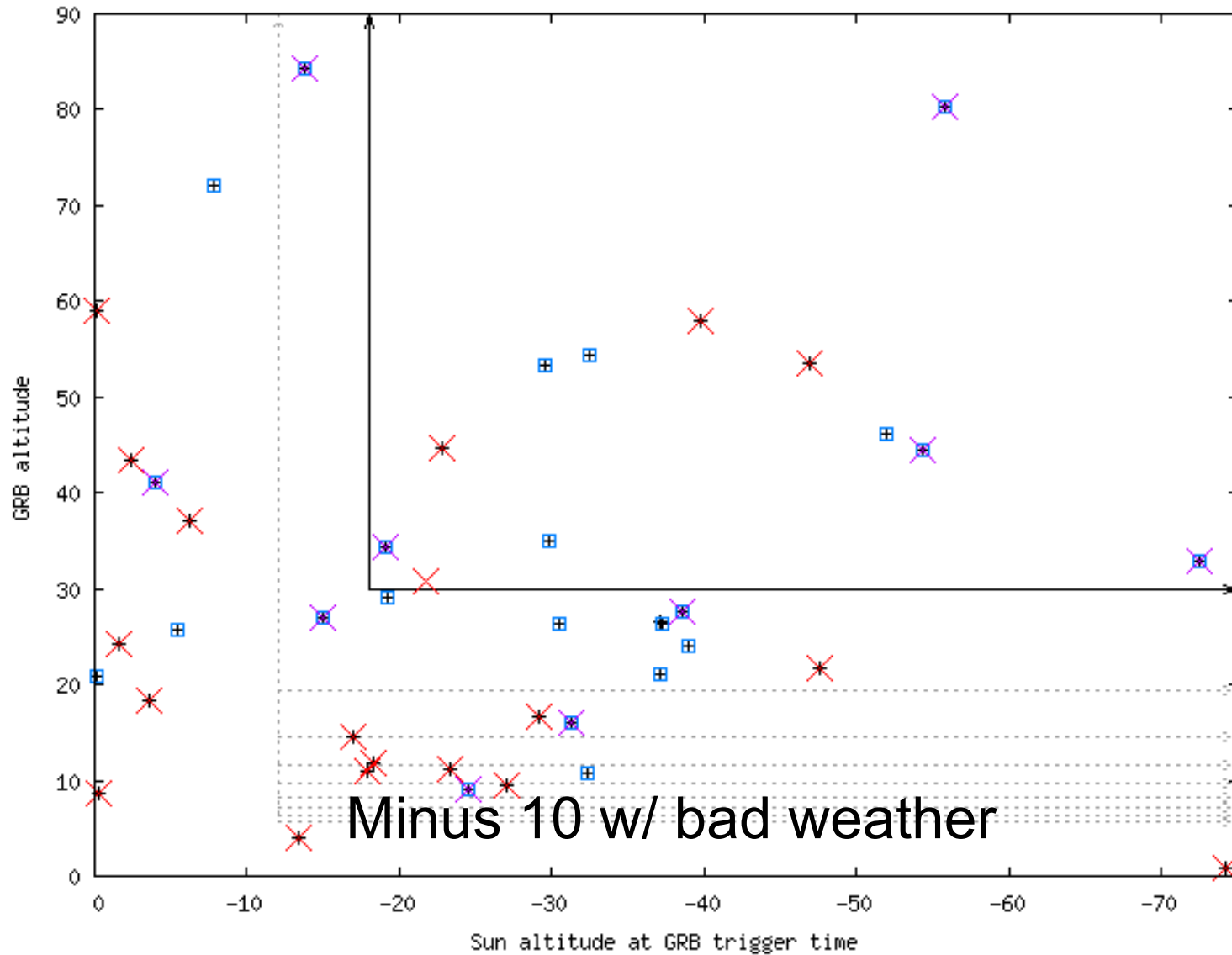
„our share of the GRB cake“



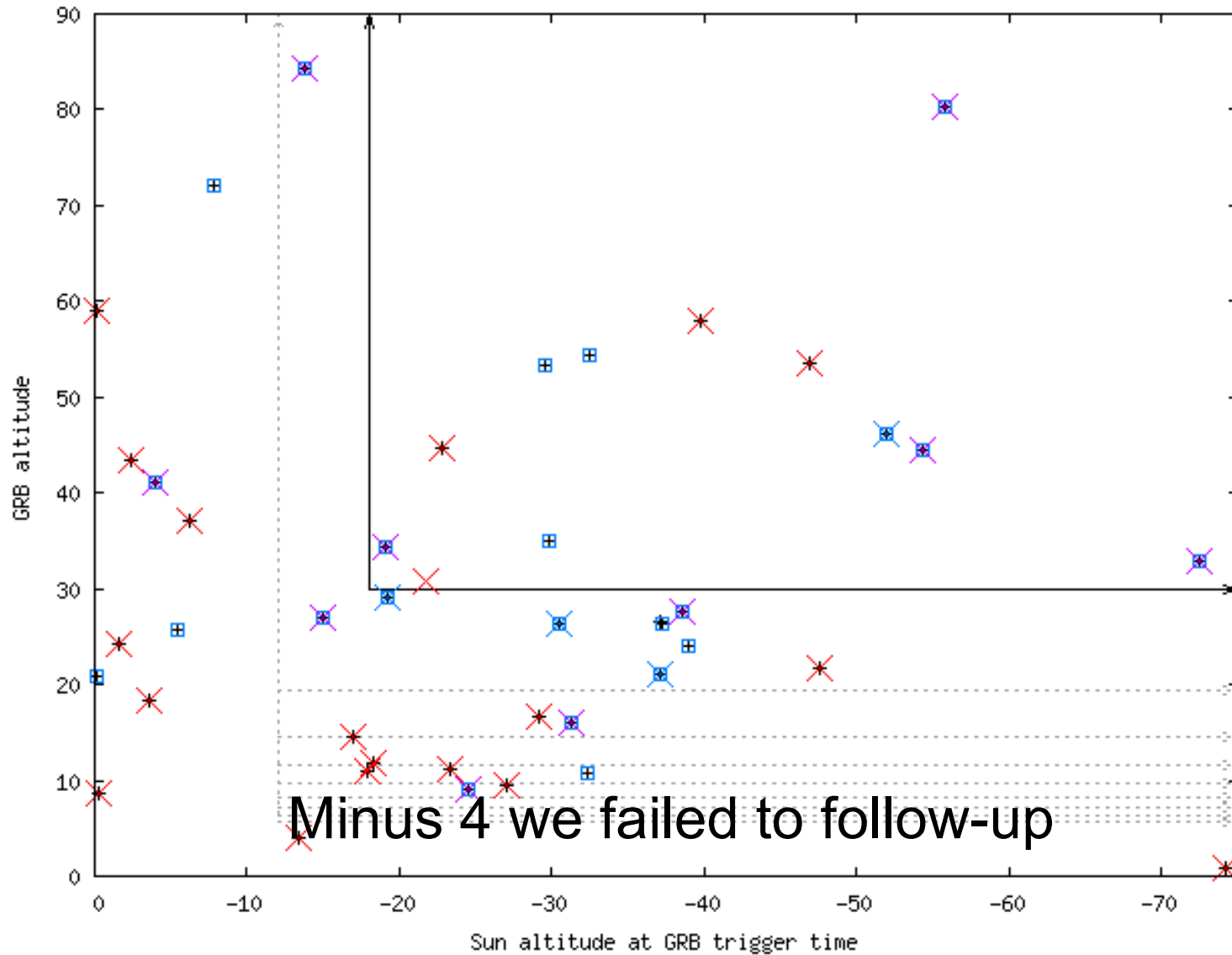
„our share of the GRB cake“



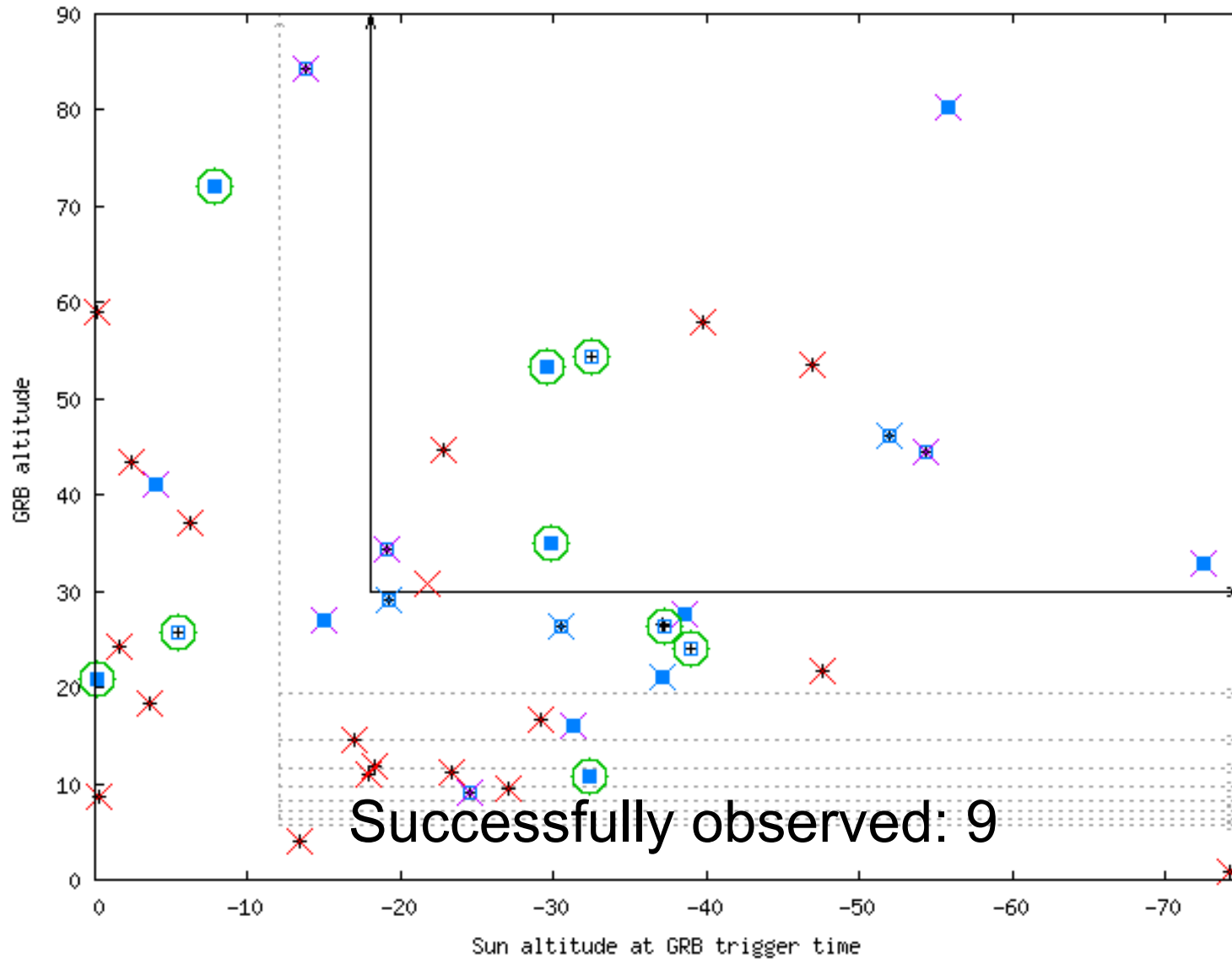
„our share of the GRB cake“



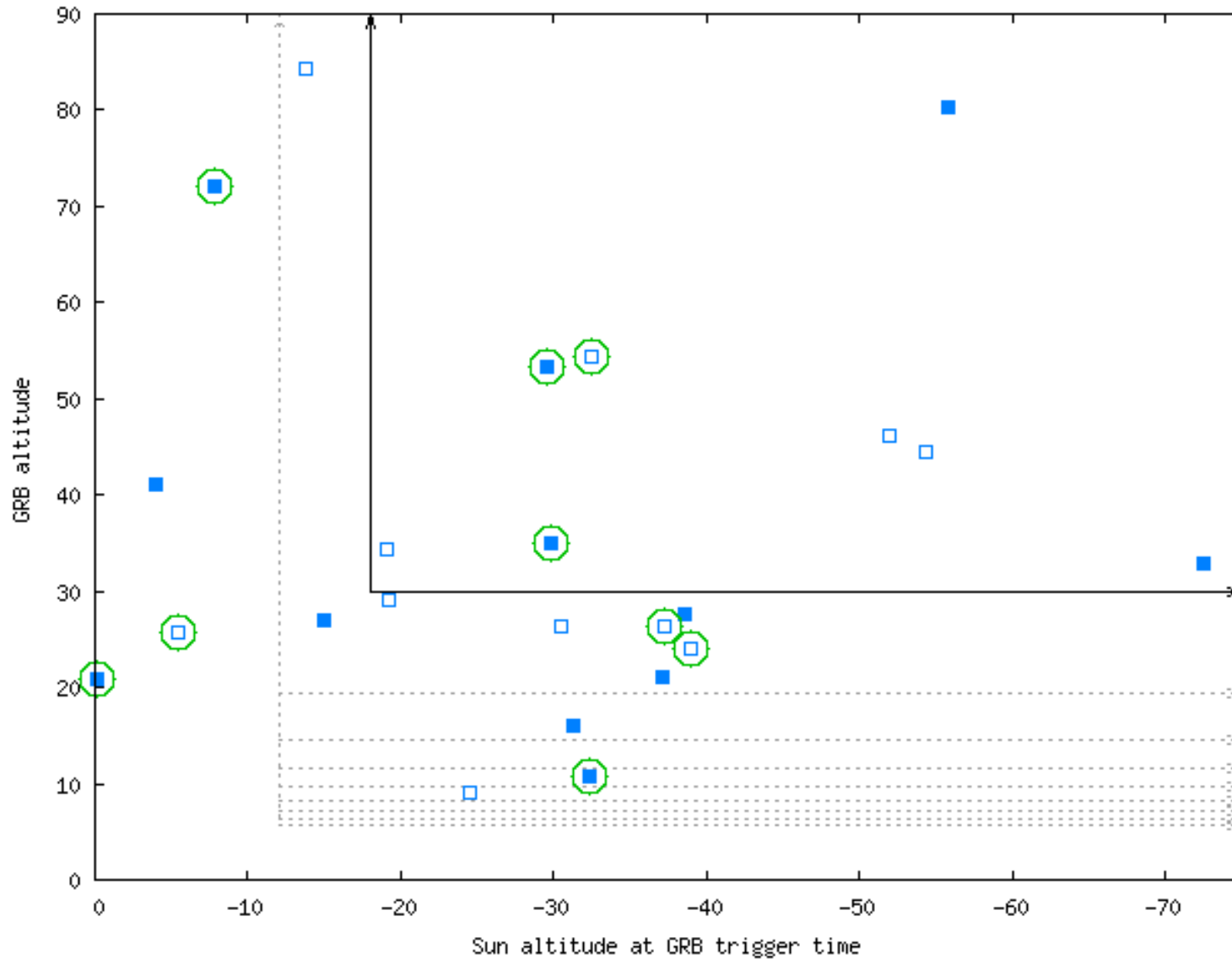
„our share of the GRB cake“



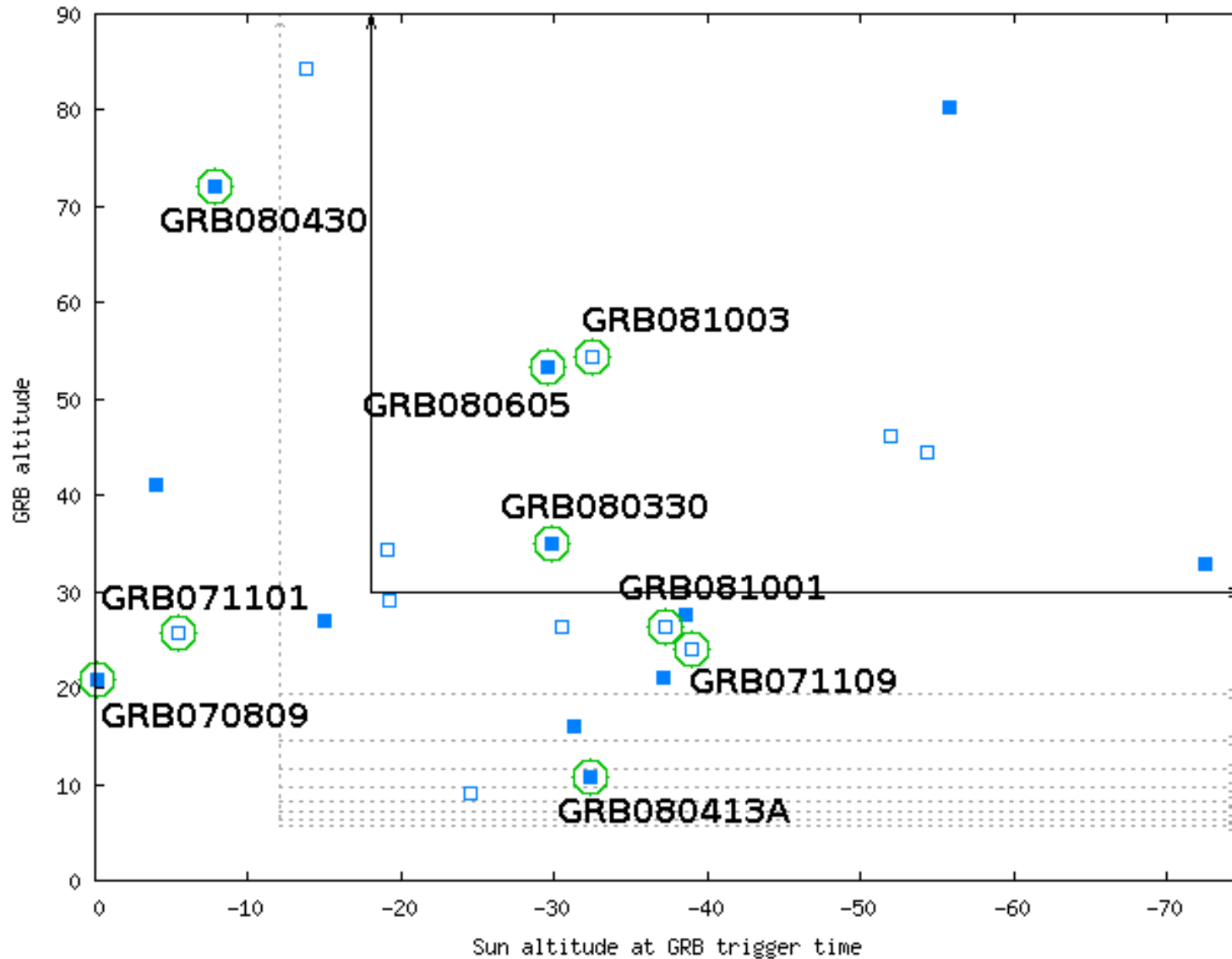
„our share of the GRB cake“



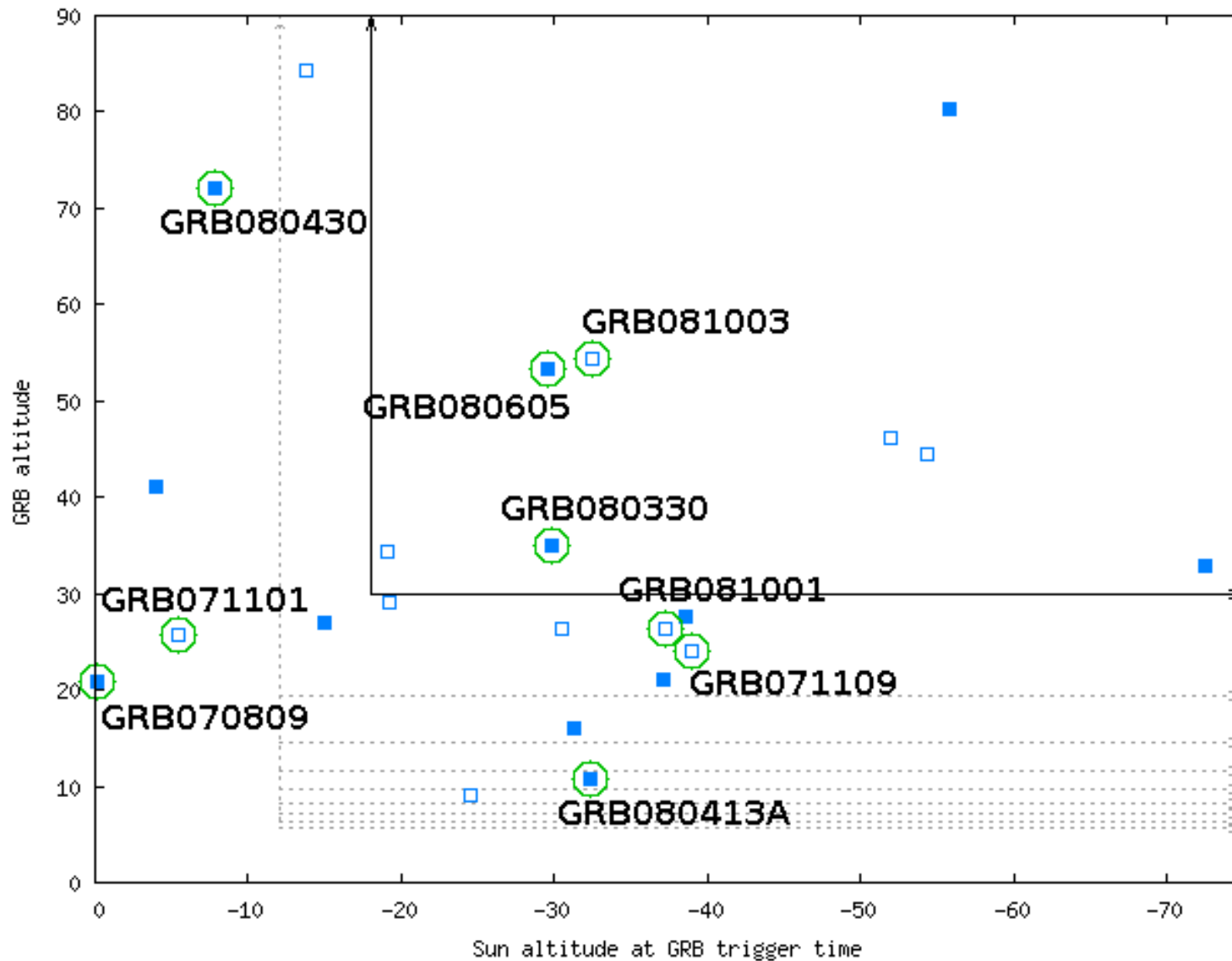
„our share of the GRB cake“



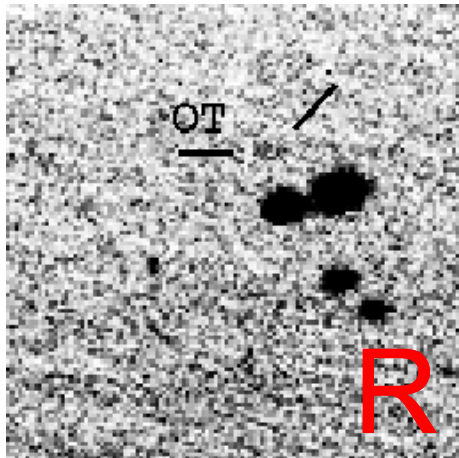
„our share of the GRB cake“



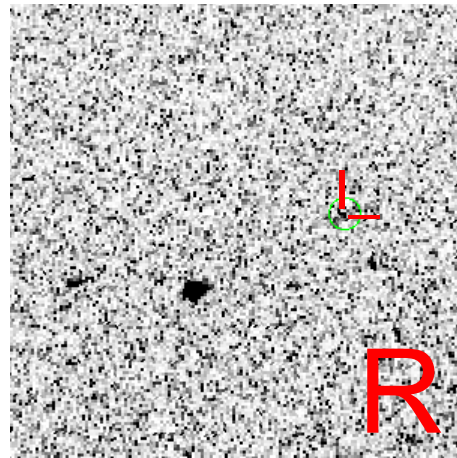
„our share of the GRB cake“



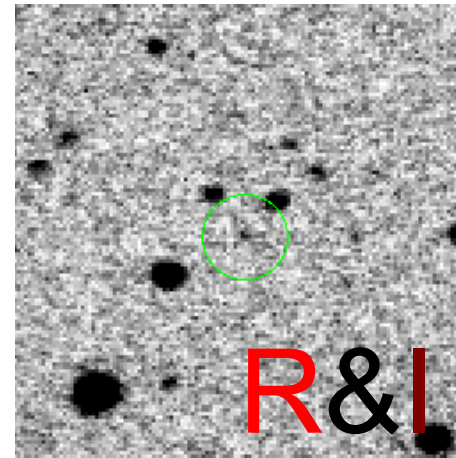
ZOO: 10 optical afterglows so far



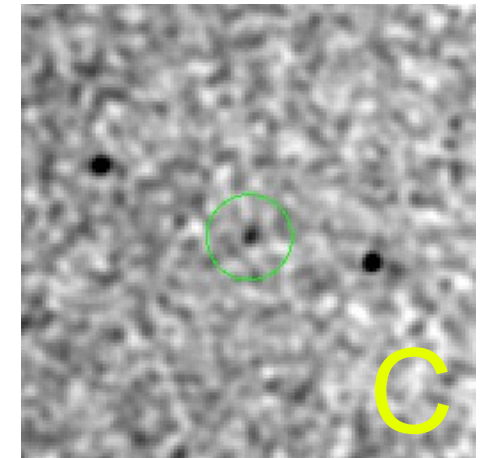
XRF050824



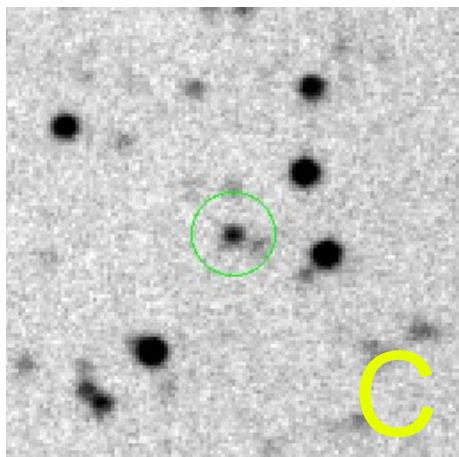
GRB050922C



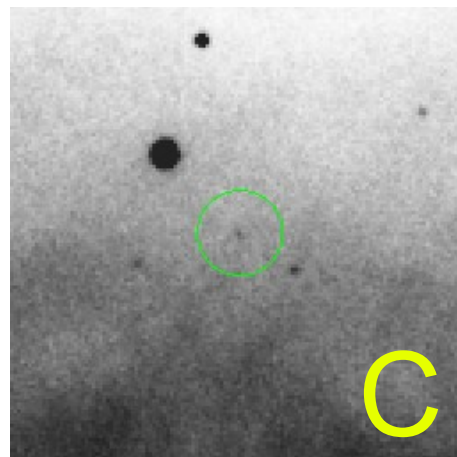
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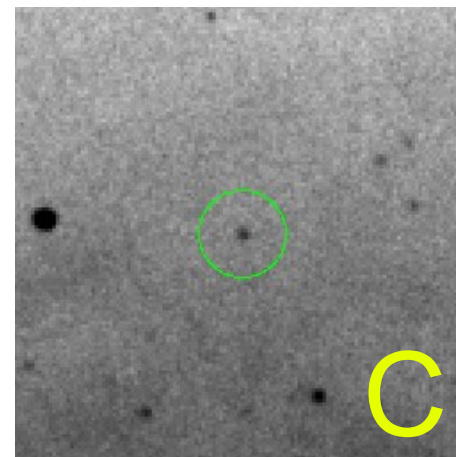
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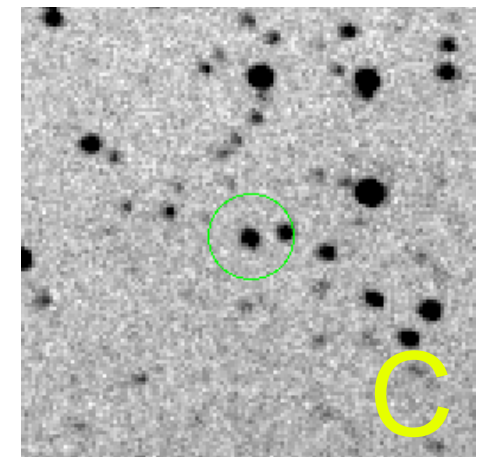
GRB090413A



GRB090430



GRB090602B



GRB090605

+ GRB030329 & GRB050525A + at least 8 GCN-reported limits

Conclusions

- Wide-field cameras...
- A 30cm telescope can do afterglows **if fast**
- Find somebody to use those 95% of time
- 10 afterglows detected so far.
- Filters? Luxury for large telescopes.
- Superseded by 60cm-class Telescopes

