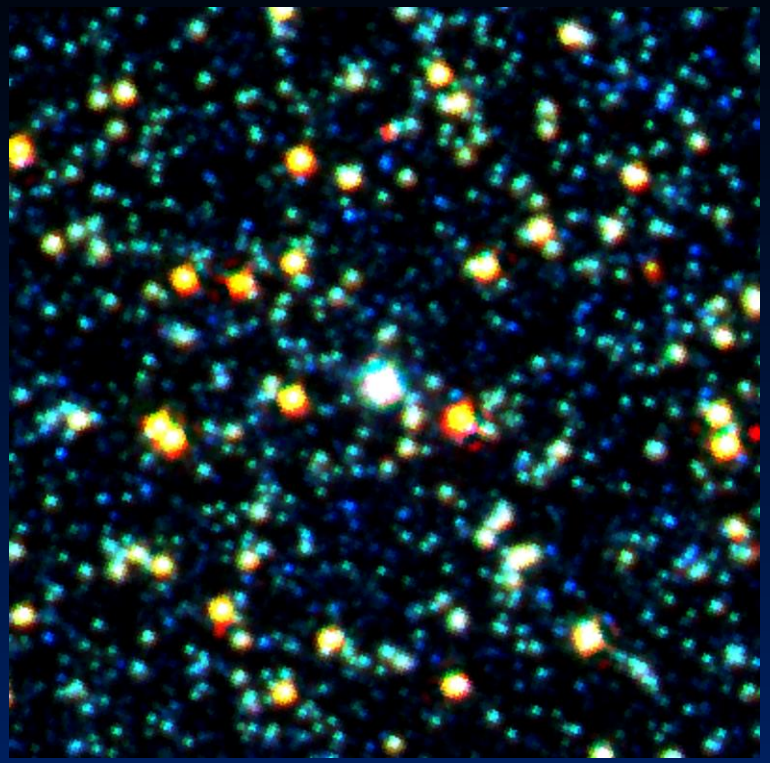
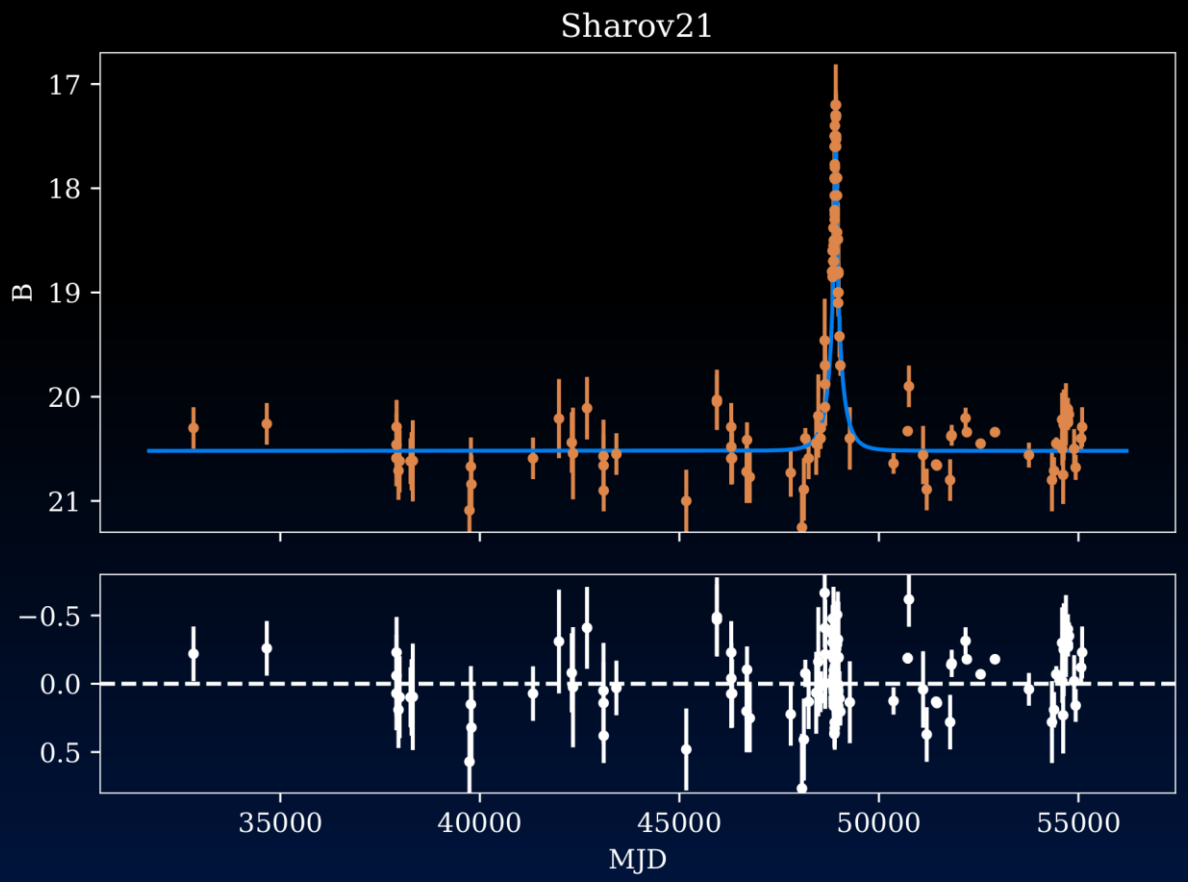
First reported as a nova in Sharov (1998).

Meusinger (2010) later confirmed AGN transient.

Isolated flare event in decades-long light curve.

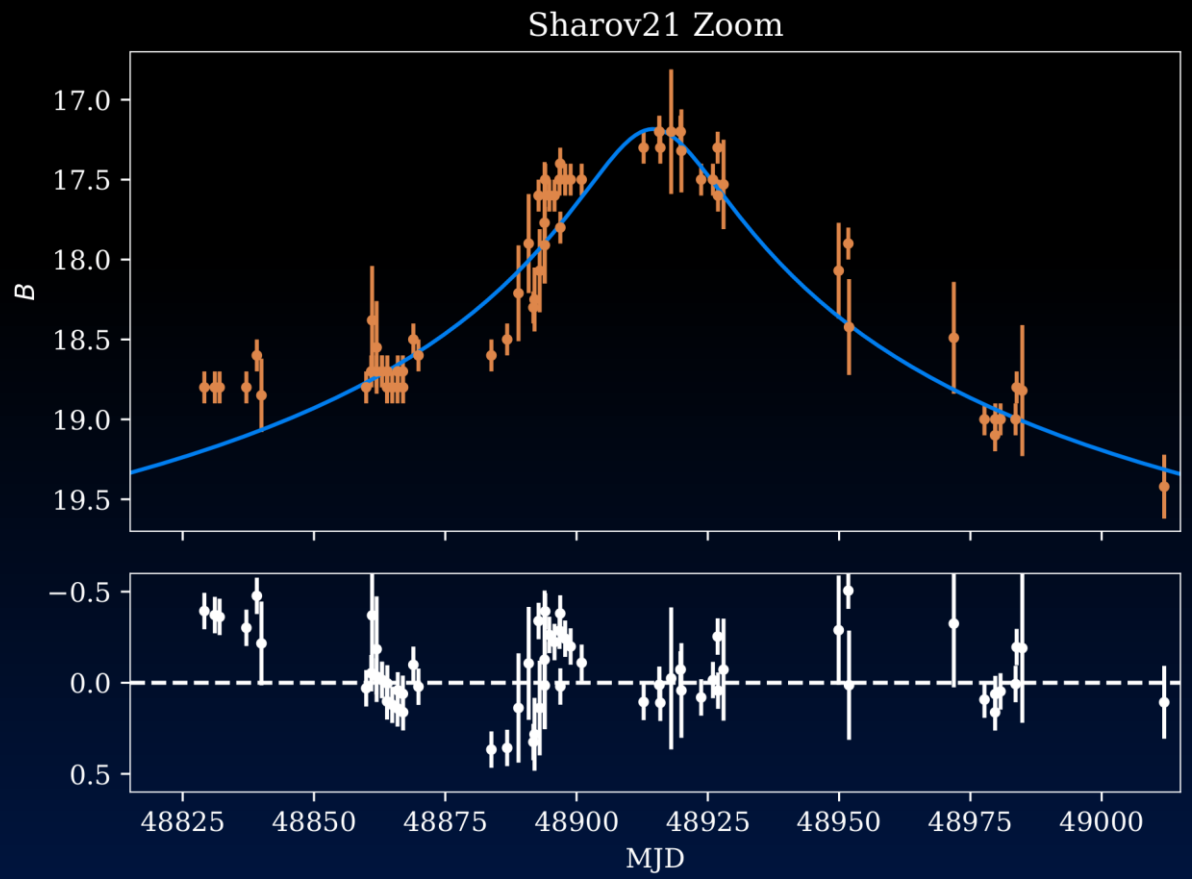
Micro or tidal flare?





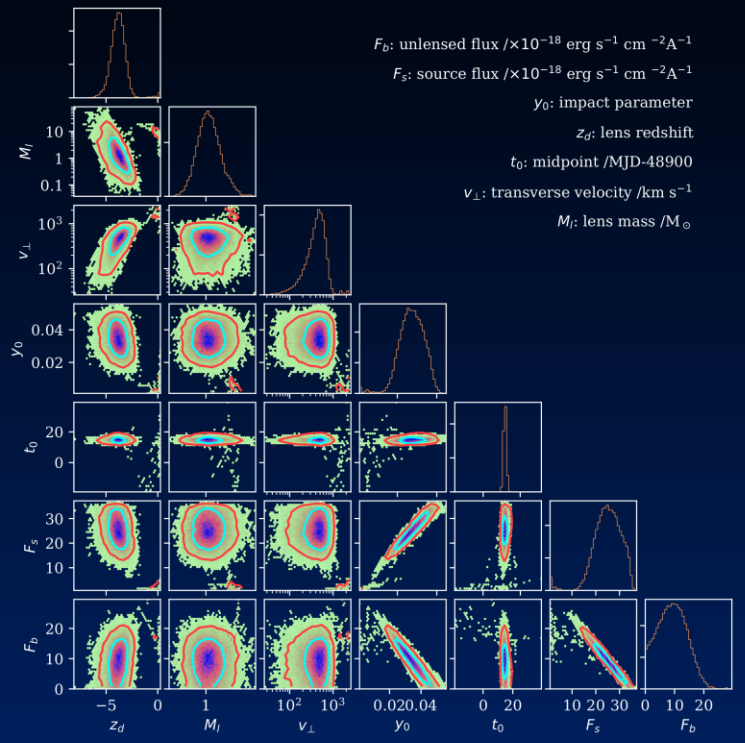
Armed with light curve data, assuming simple microlensing model and stellar-mass lens, MCMC analysis provides lens distance estimate in agreement with Andromeda Galaxy.

Micro wins?



MCMC results:

Sharov21		z_{agn} = 2.109
parameter	value	unit
$\log_{10}(z_d)$	$-3.82^{+0.63}_{-0.67}$	
M_l	$1.26^{+2.39}_{-0.79}$	$M_\odot$
$v_\perp$	420^{+205}_{-192}	km s^{-1}
y_0	$0.0343^{+0.0077}_{-0.0075}$	θ_E
t_0	$48915.7^{+0.9}_{-0.9}$	MJD
F_s	$2.52^{+0.55}_{-0.54}$	$\times 10^{-17}$erg s^{-1}cm^{-2}Å^{-1}
F_b	$9.20^{5.14}_{-5.30}$	$\times 10^{-18}$erg s^{-1}cm^{-2}Å^{-1}
r_E	1260^{+2780}_{-860}	light-days



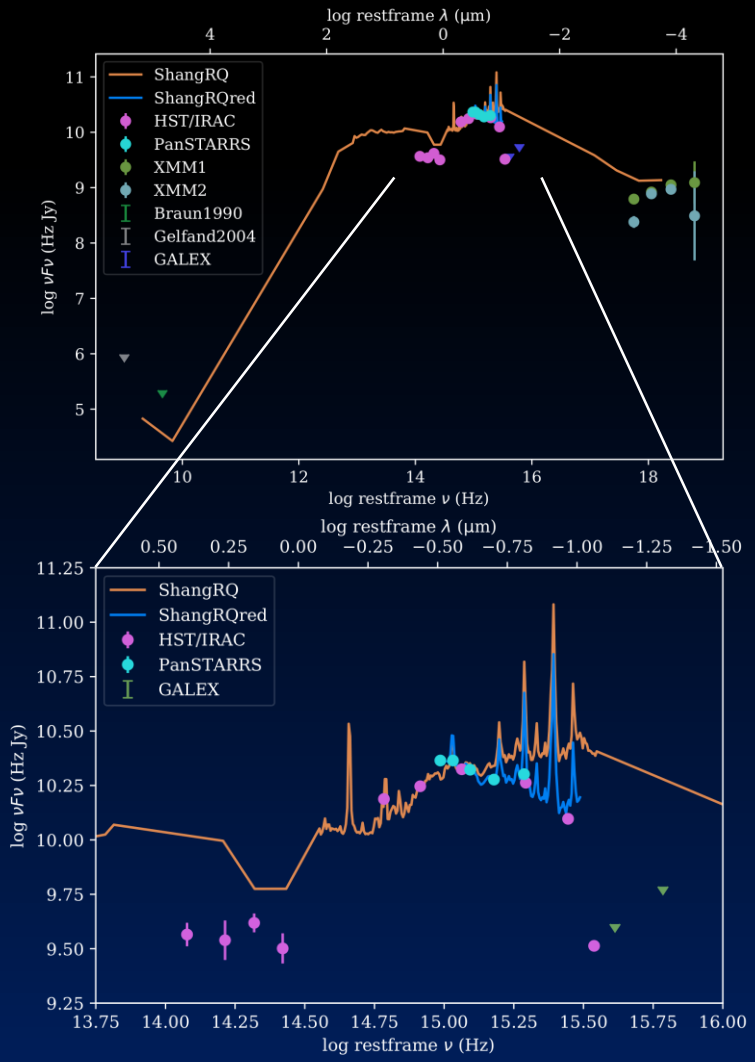
Colour change?

- **Micro model = no; Meusinger (2010) = yes**
- **Evidence for colour change not convincing**

Light curve structure?

- **If correct, model (and DRW) struggle to explain**
- **Photographic plate data errors may be too small**

SED appears 'normal'



Sharov21 may just be the first. Enter Sharov '22':

- Spectroscopically confirmed AGN, z~0.2
- Event appears isolated (& chromatic)
- Possible binary AGN [Dorn-Wallenstein (2017)]
  But doubtful [Barth & Stern (2018)]
- Microlensing model also works
  Points towards possible resolving of BLR/AD