

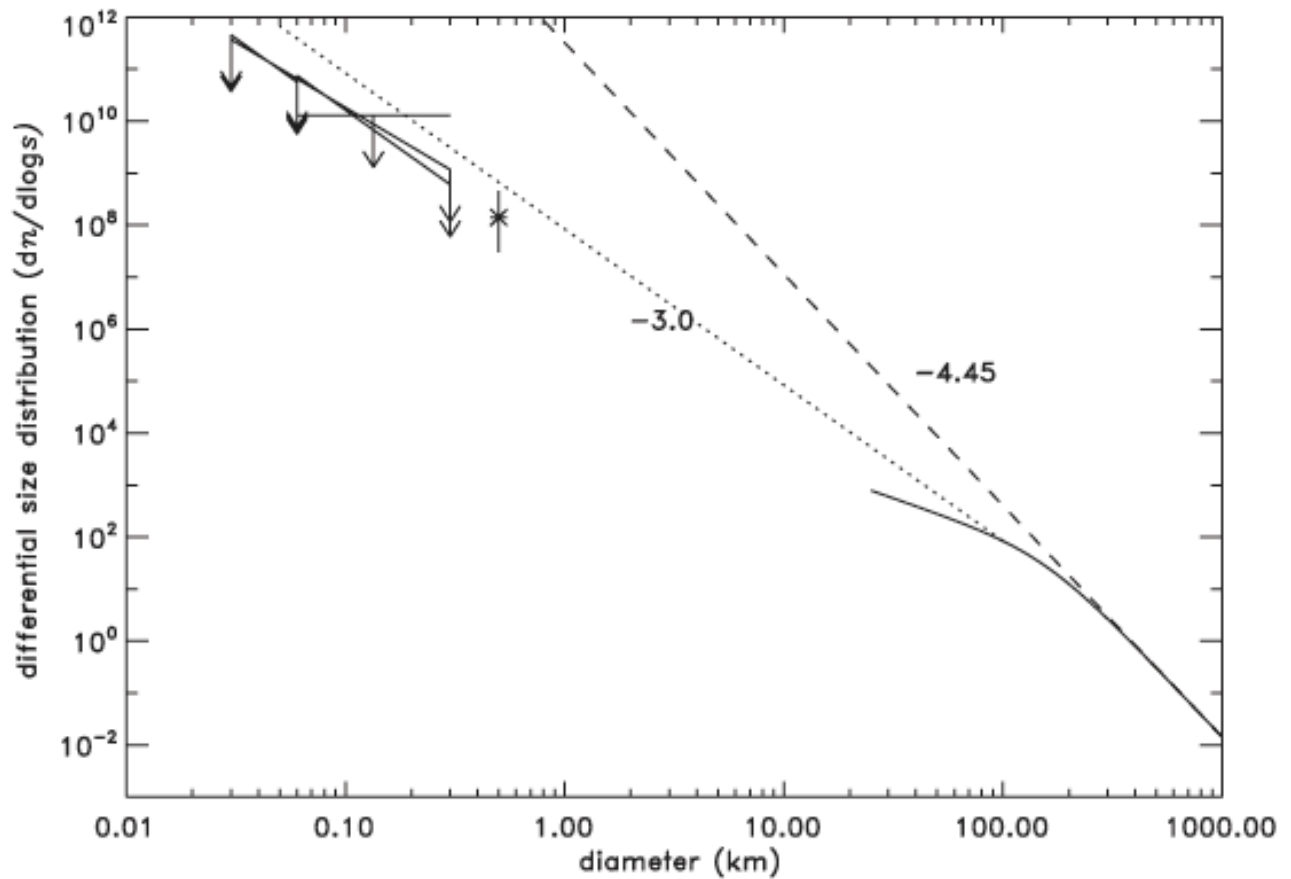
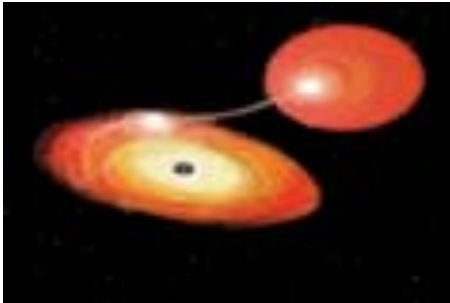
Search for white-dwarf p-mode oscillations with Miosotys

Results of OHP observations of V2027 Cyg with Miosotys on May 24, 2010, June 17, 2012, and June 18, 2012 were published in A&A 558, A63 (2013).

The upper limit of the relative amplitude for the possible oscillations in the frequency range from 1 to 10 Hz is estimated to be about 6×10^{-4} . This is the first report in the literature for a p-mode oscillation search of GW Vir stars.

Miosotys observation of G226-29 using Calar Alto 1.23-m in May and June 2013 (5 nights) resulted in an MS thesis (NTHU, 2014).
Data of NGC 246 using Calar Alto 1.23-m in 2014 (5 nights) and 2.2-m in 2015 (3 nights) are being analyzed.

(Hsiang-Kuang Chang (NTHU), Paris, 2016)



The search for **KBO occultation events in X-rays** *is concluded* in [MNRAS 429, 1626 \(2013\)](#).

Another effort to address the issue of **Oort Cloud Objects**, using all the RXTE data of Sco X-1 and GX 5-1, is on-going.

Observation of predicted occultation events

The 2.4-m telescope

@ Lijiang Observatory, Yunnan Observatories, CAS

$100^{\circ}01'51''\text{E}$ $26^{\circ}42'32''\text{N}$

Altitude: 3193 m

The 2.16-m telescope

@ Xinglong Station, NAOC

$117^{\circ}34'33.1''\text{E}$ $40^{\circ}23'44.74''\text{N}$

Altitude: 960 m

The 1-m telescope (2-m to come in some years)

@ Lulin Observatory, National Central University

$120^{\circ}52'25''\text{E}$ $23^{\circ}28'07''\text{N}$

Altitude: 2862 m