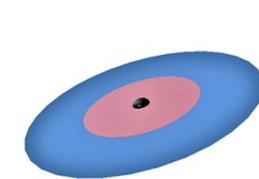
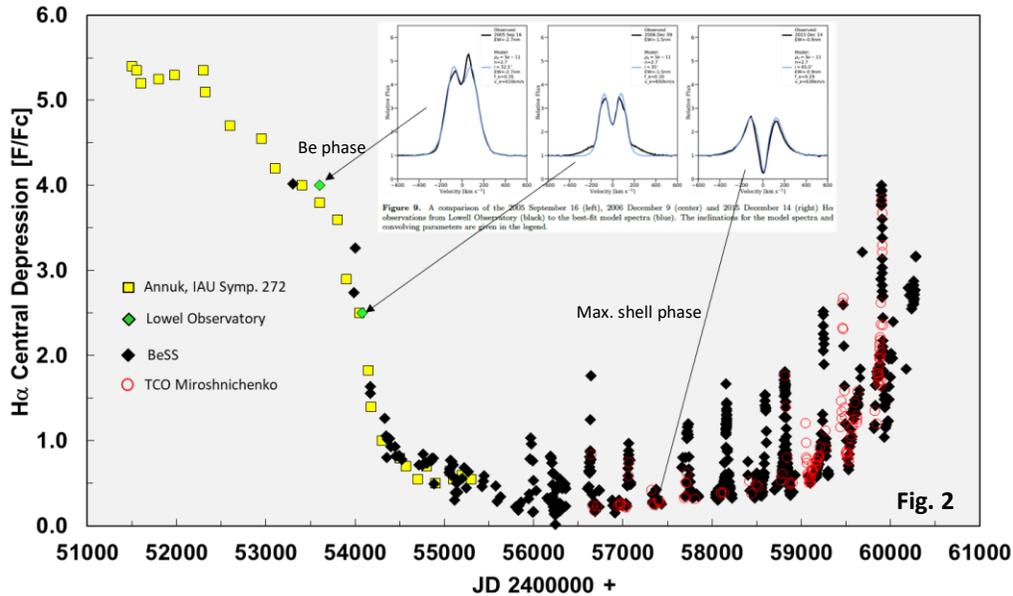
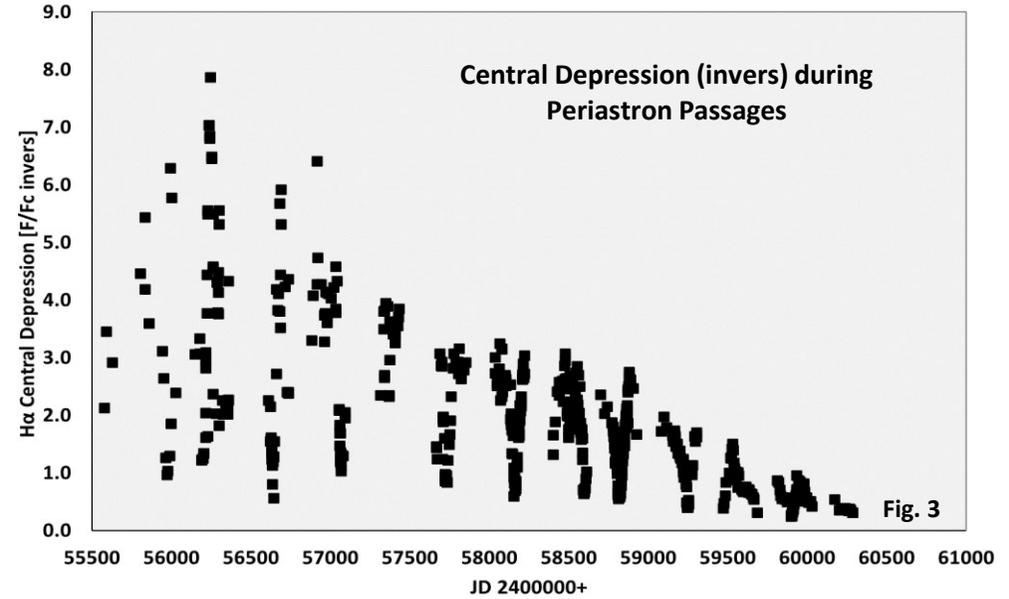
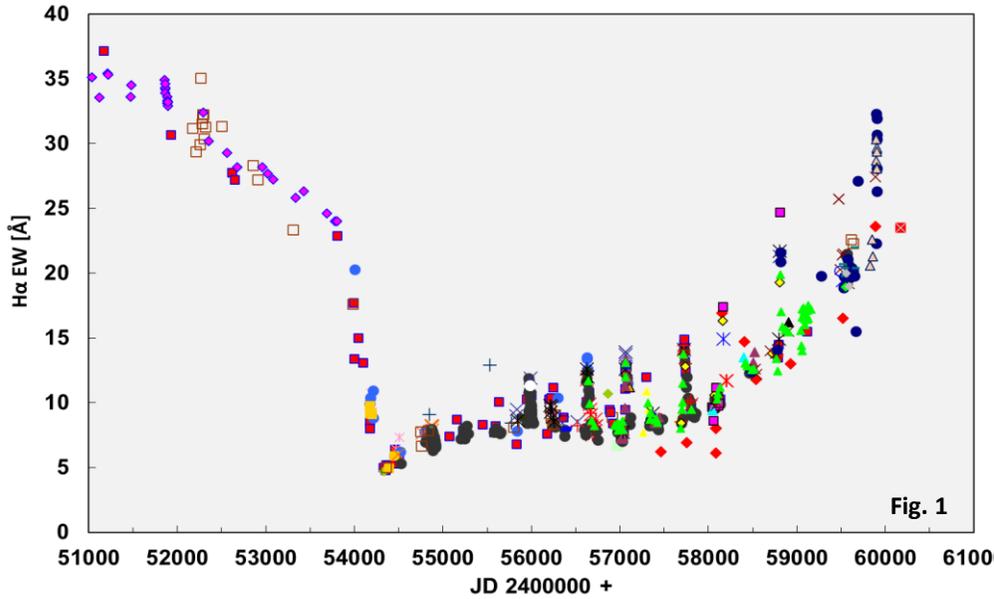
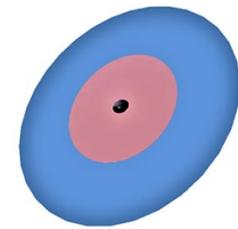


Pleione on the way to leave the Be-shell-phase to be a pure Be star Jan./Feb. 2024



a) Disk is fixed
at the stellar equator



b) Disk is tilted $i \approx 30^\circ$ away
from the midplane due to the
tidal torque of the companion

Disc tilt due to the companion tidal torque during each periastron is indicated (Fig. 2) by the change in central H α depression. In a) the undisturbed, intact whole disk is shown narrowly in the stellar equatorial plane. In b), due to the tidal torque of the companion during periastron, the disk is shown tilted away from the equator by $i \approx 30^\circ$ from the median plane. The times of the H α invers central depression as a result of the disk tilt (Fig. 2) correspond exactly to the expected periastron times (orbital period = 218 d). Observer: A. Leduc, A. Stiewing, J. Guarro, E. Bertrand, J. Martin, B. Hanisch, E. Pollmann, A. Miroshnichenko.