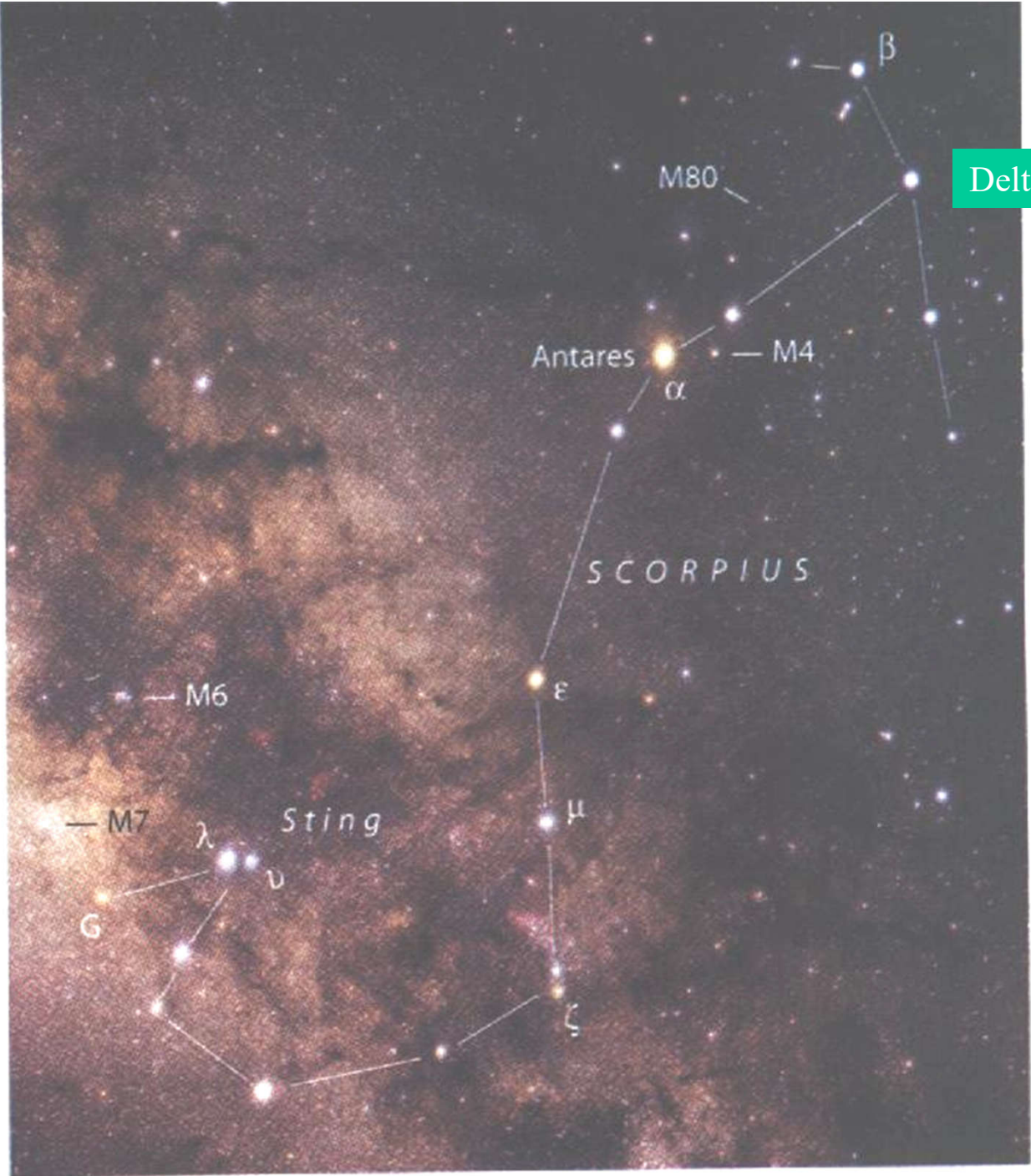


# Delta Scorpii Variability 2000-2008

Brian Fraser



Sebastian Otero, Argentina

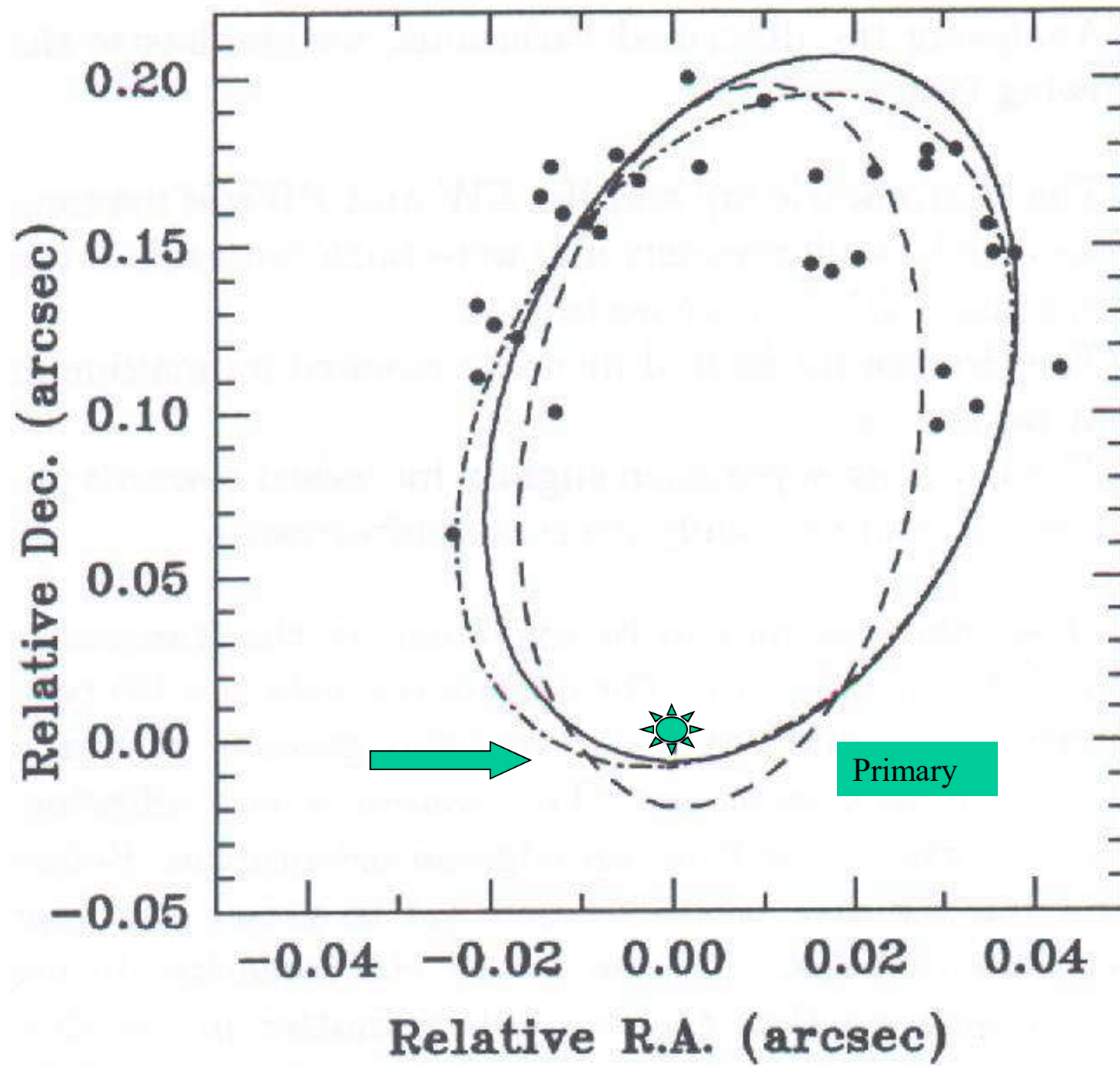


Delta

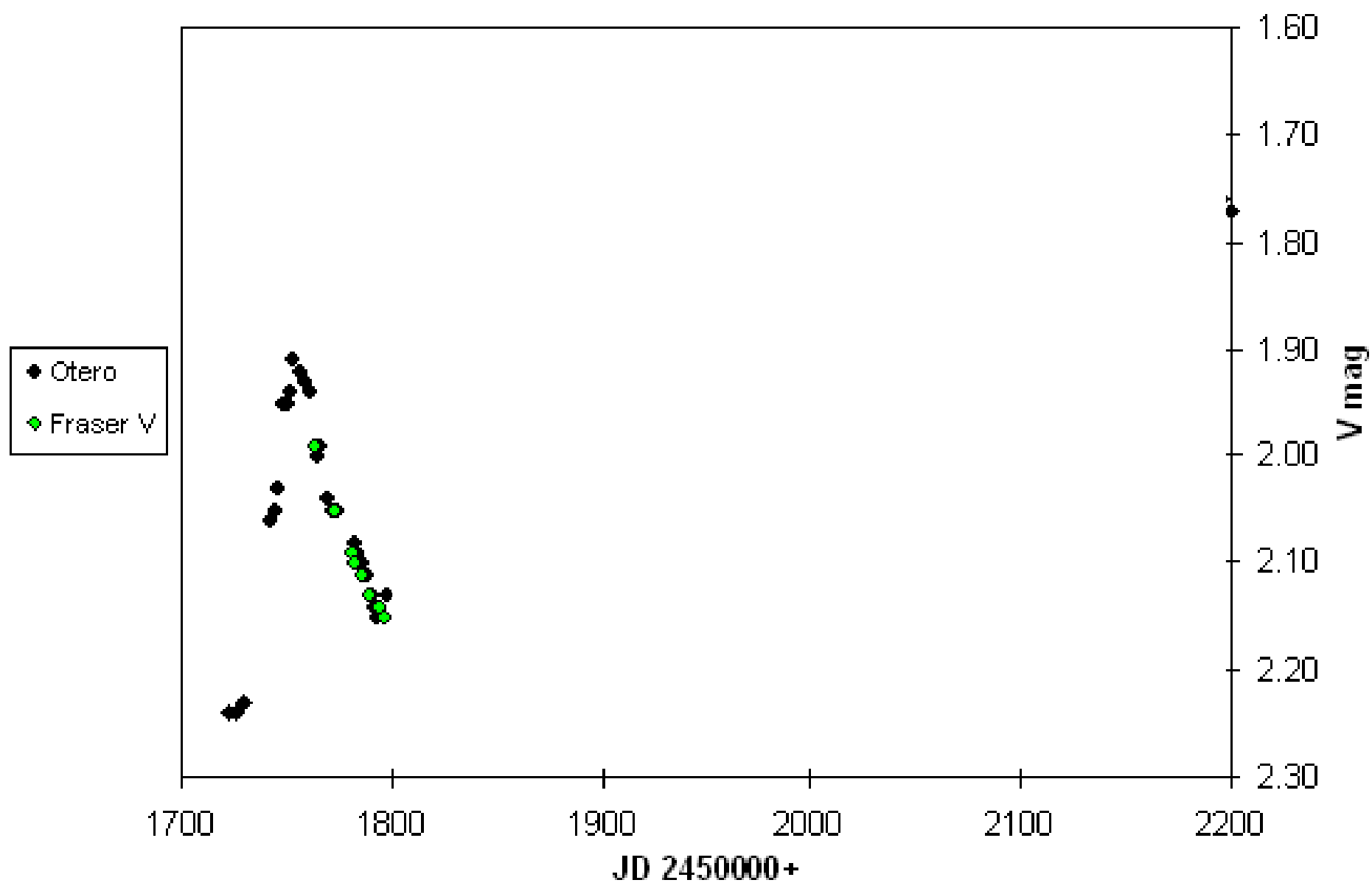


- *Be* Stars are

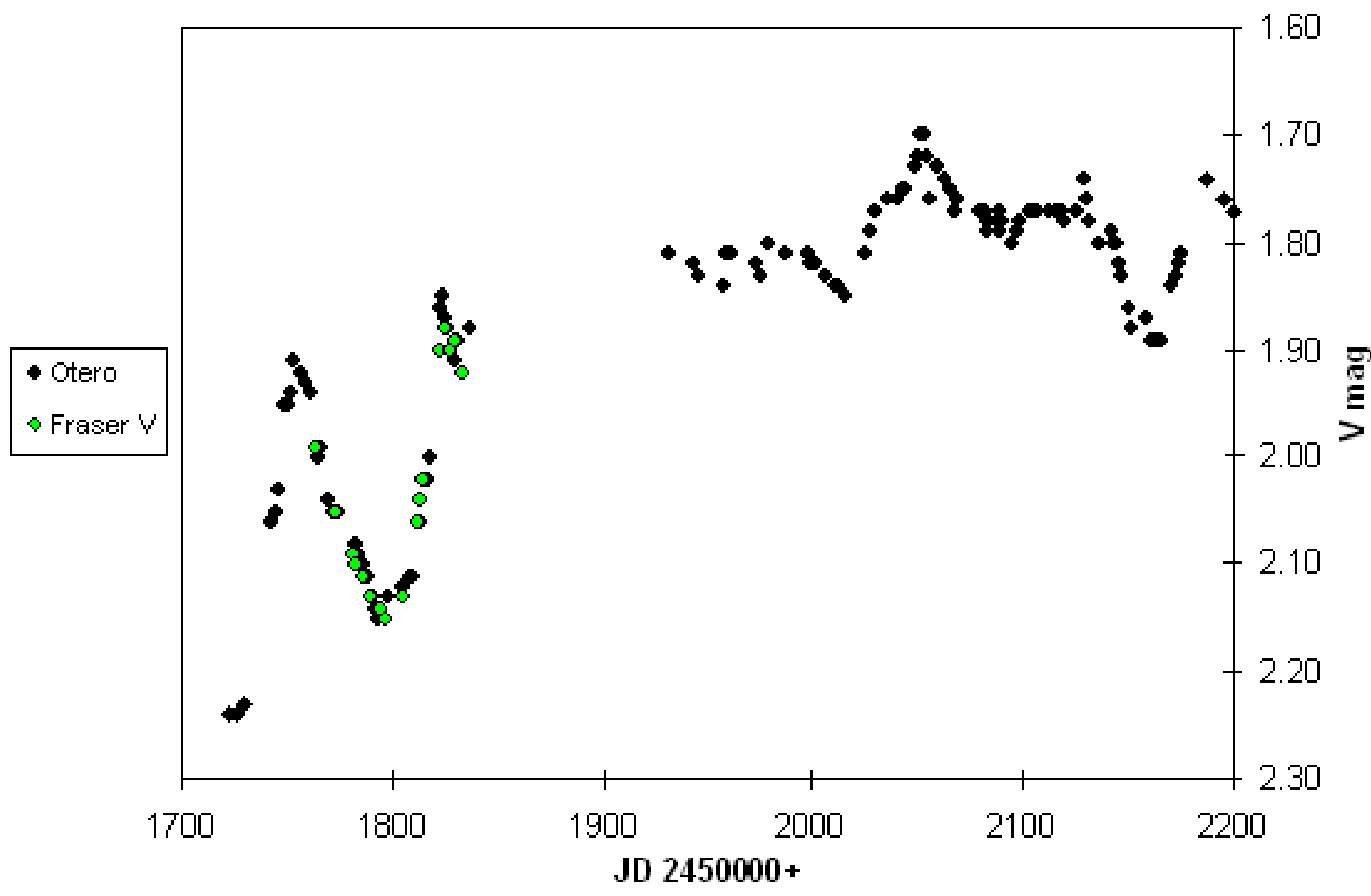
- Young
- Big
- Hot
- *A Puzzle!*



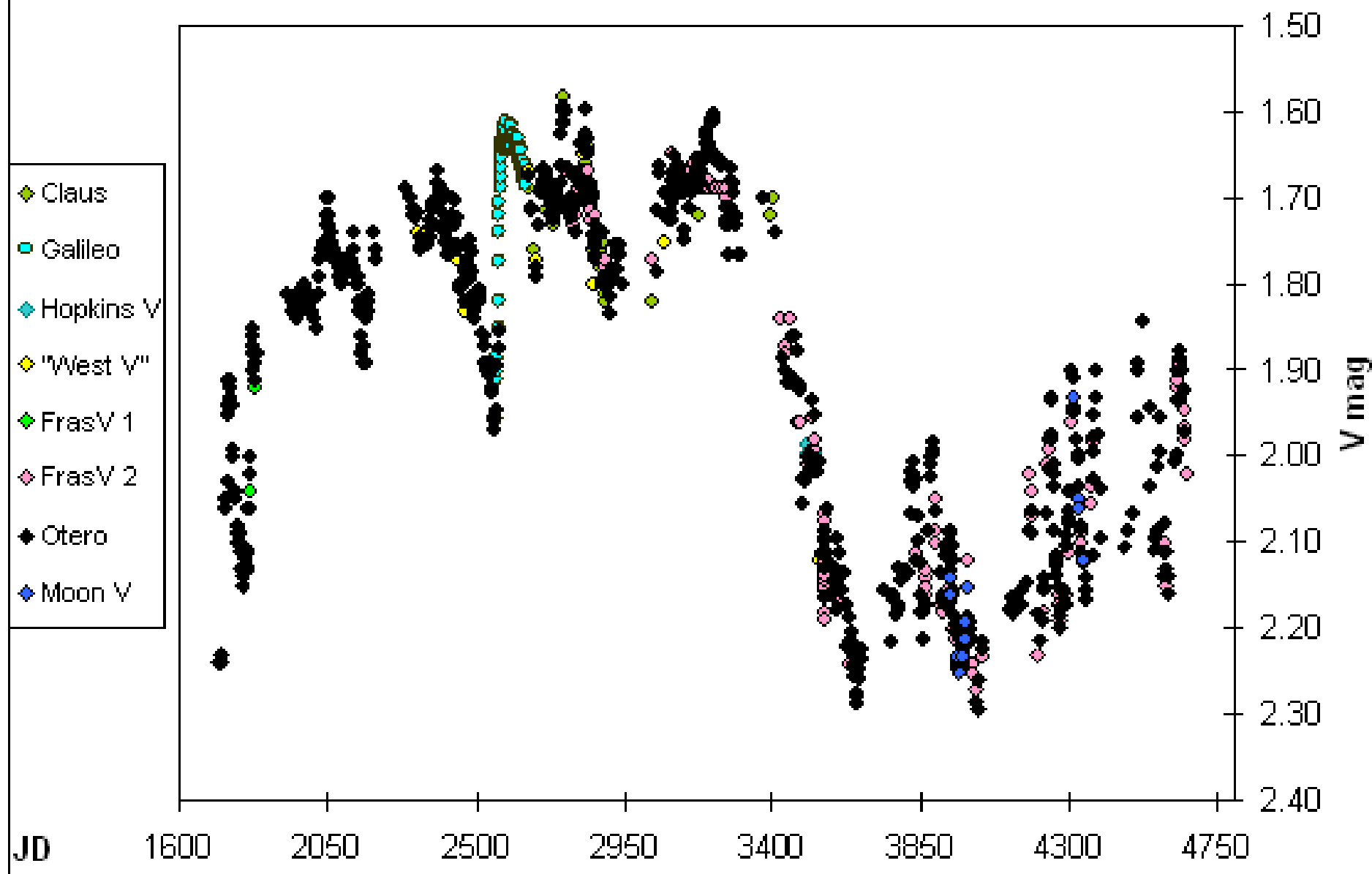
# Delta Scorpii 2000-2001



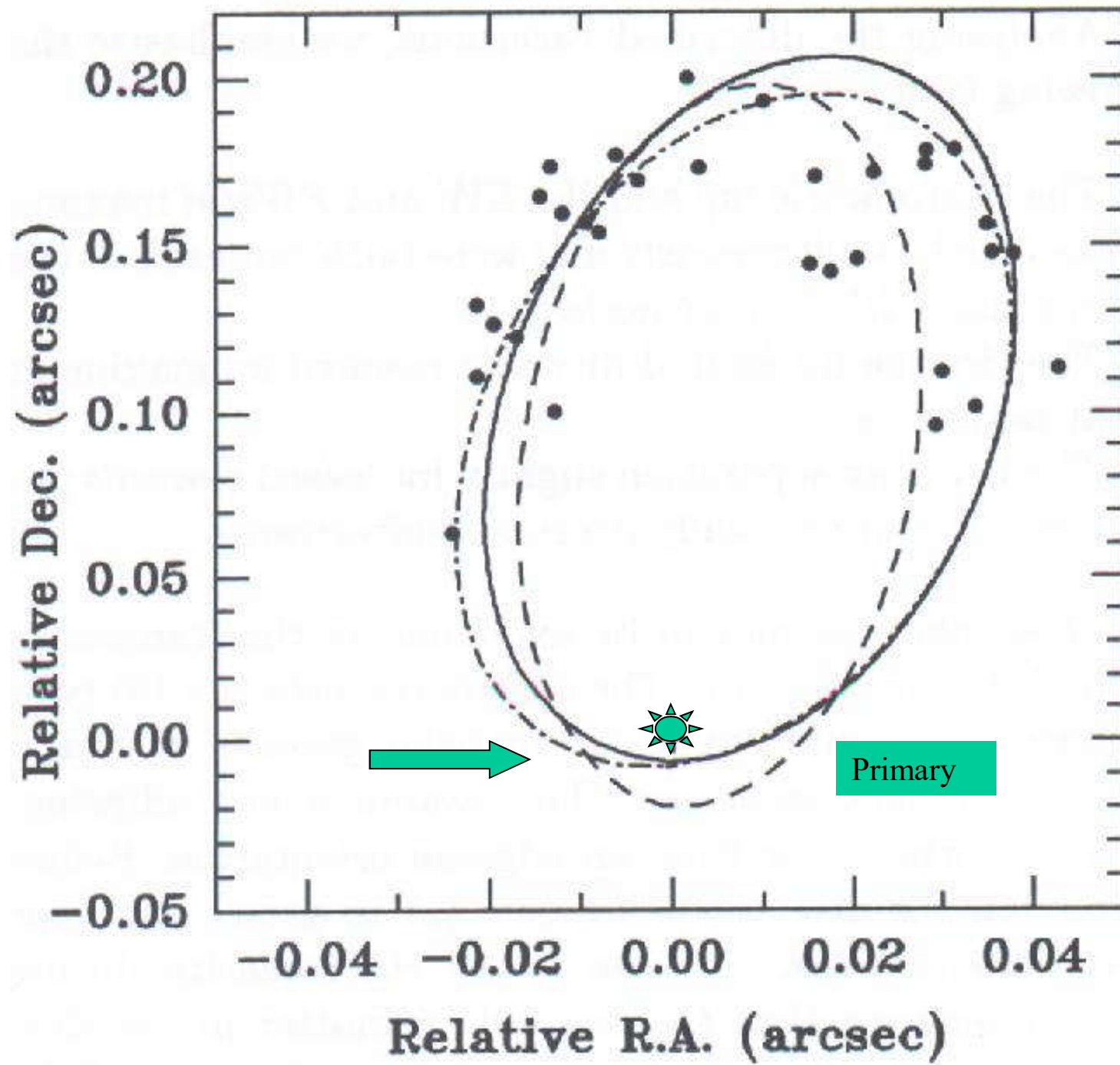
# Delta Scorpii 2000-2001



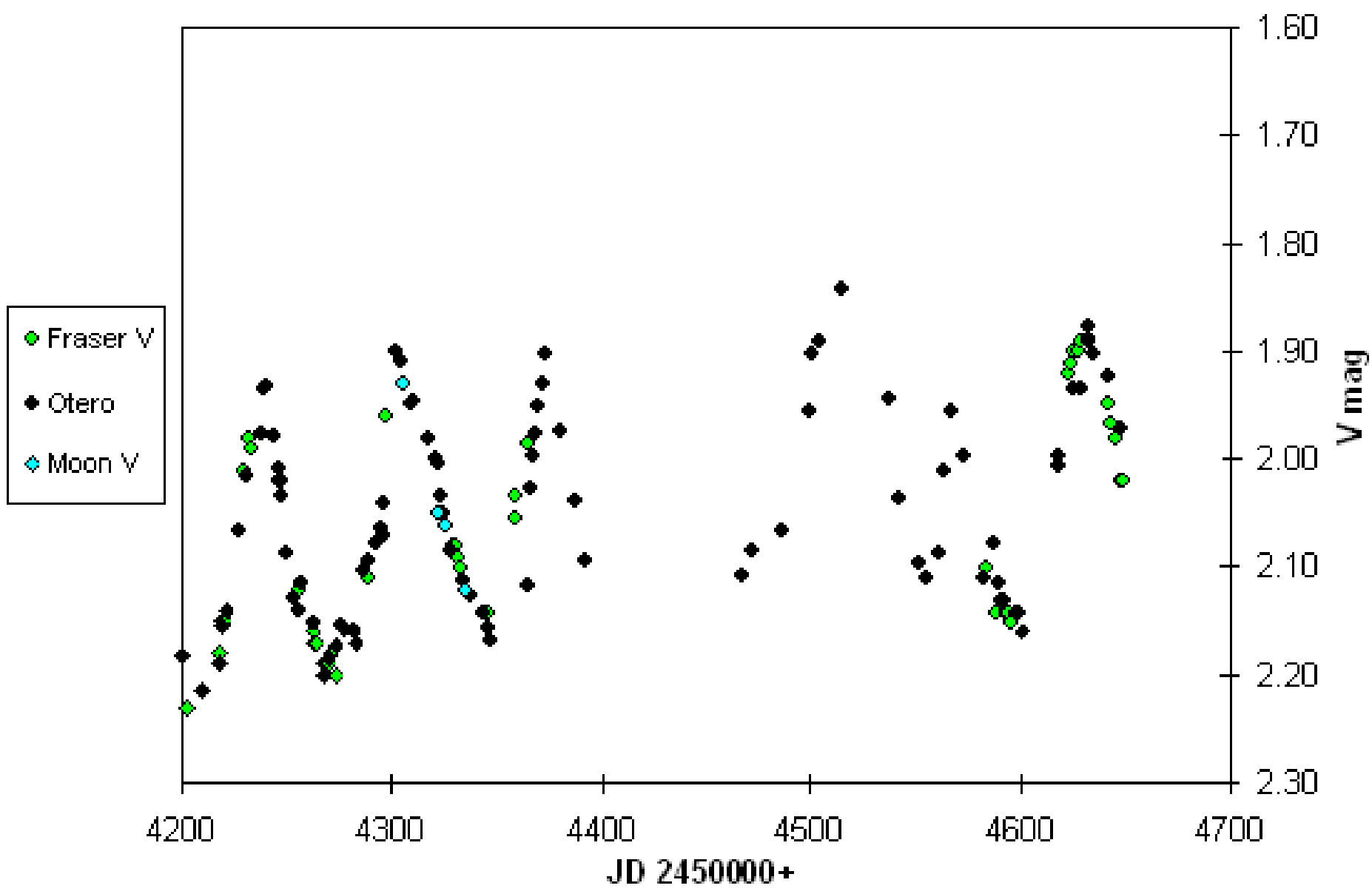
# Delta Scorpii



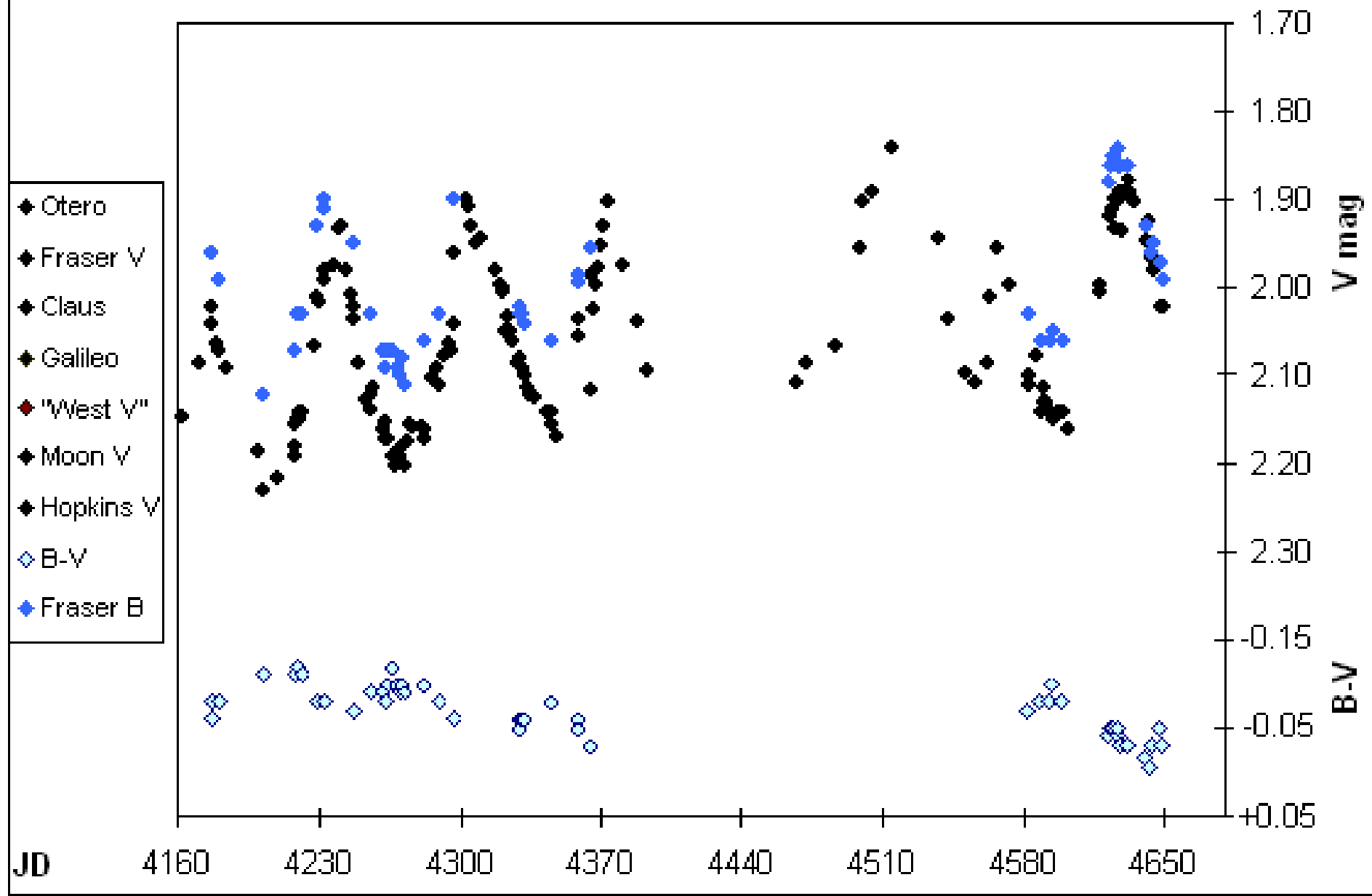


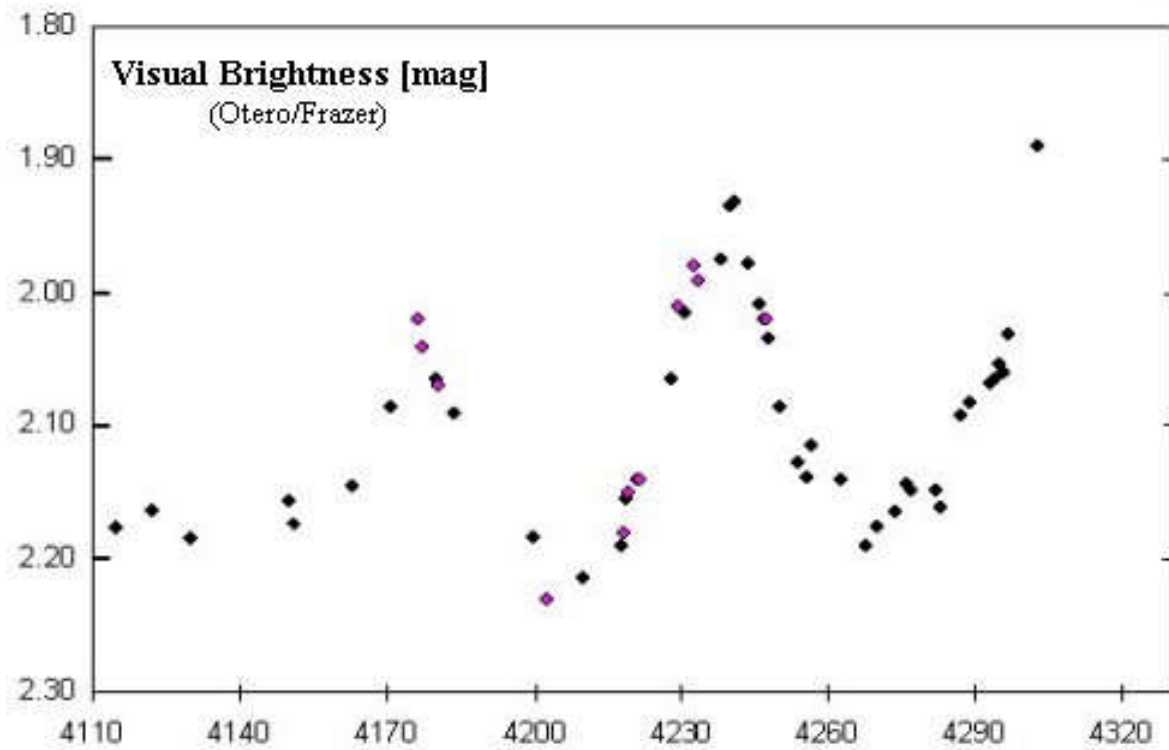
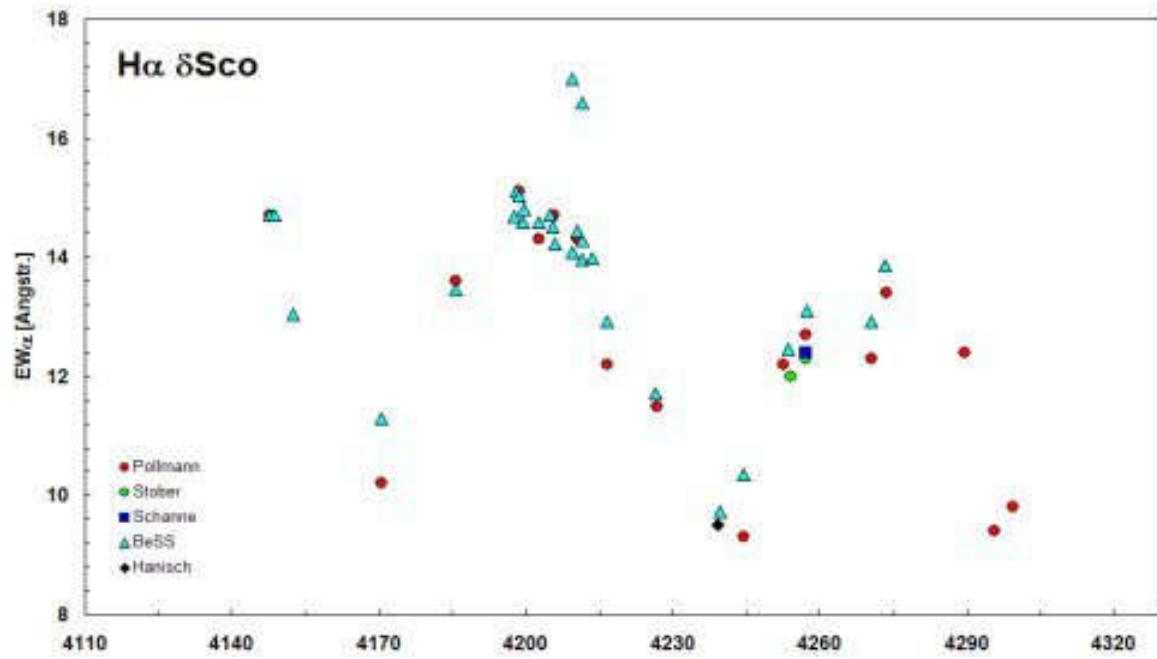


# Delta Scorpii 2007-2008



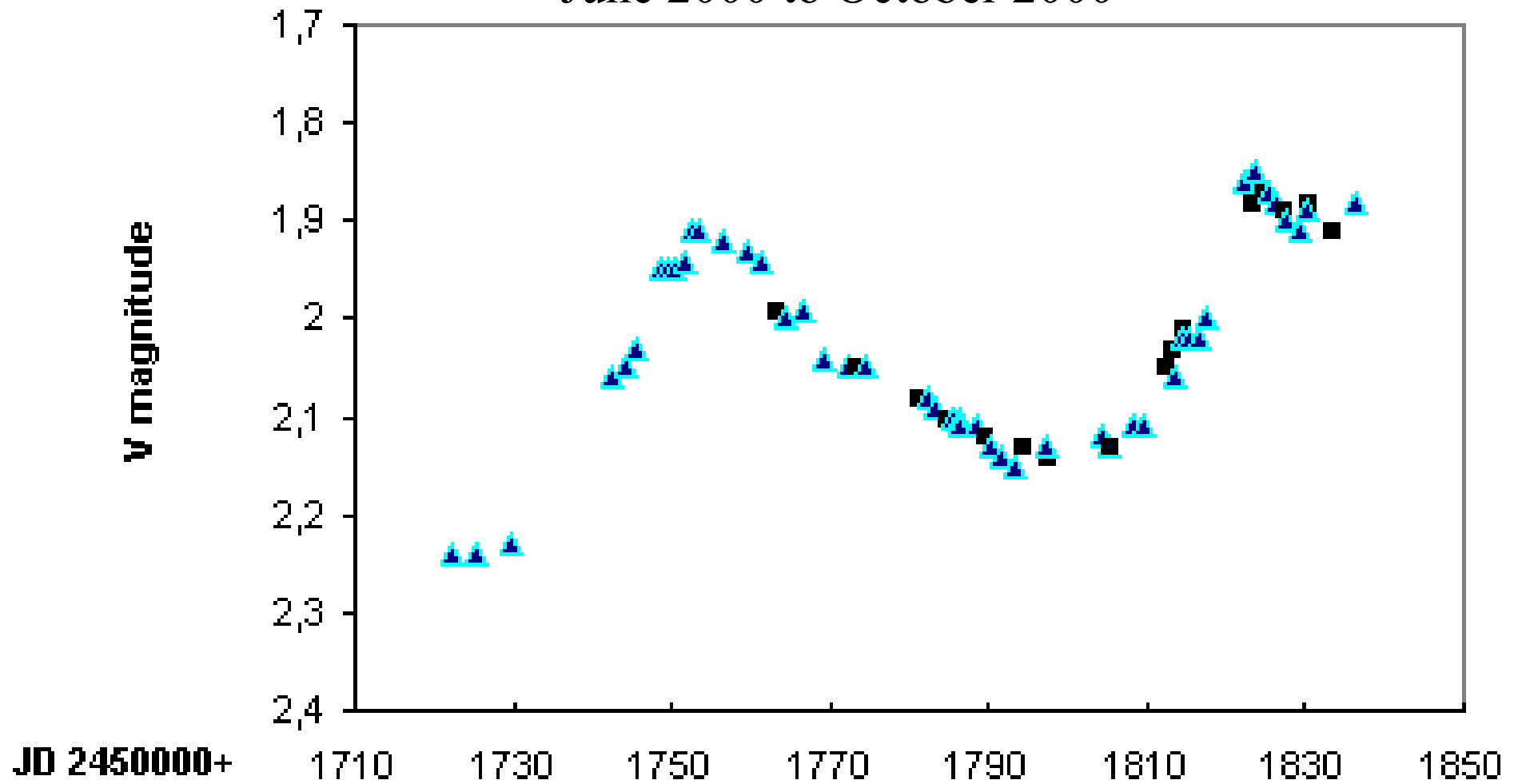
# Delta Scorpii recent B-V

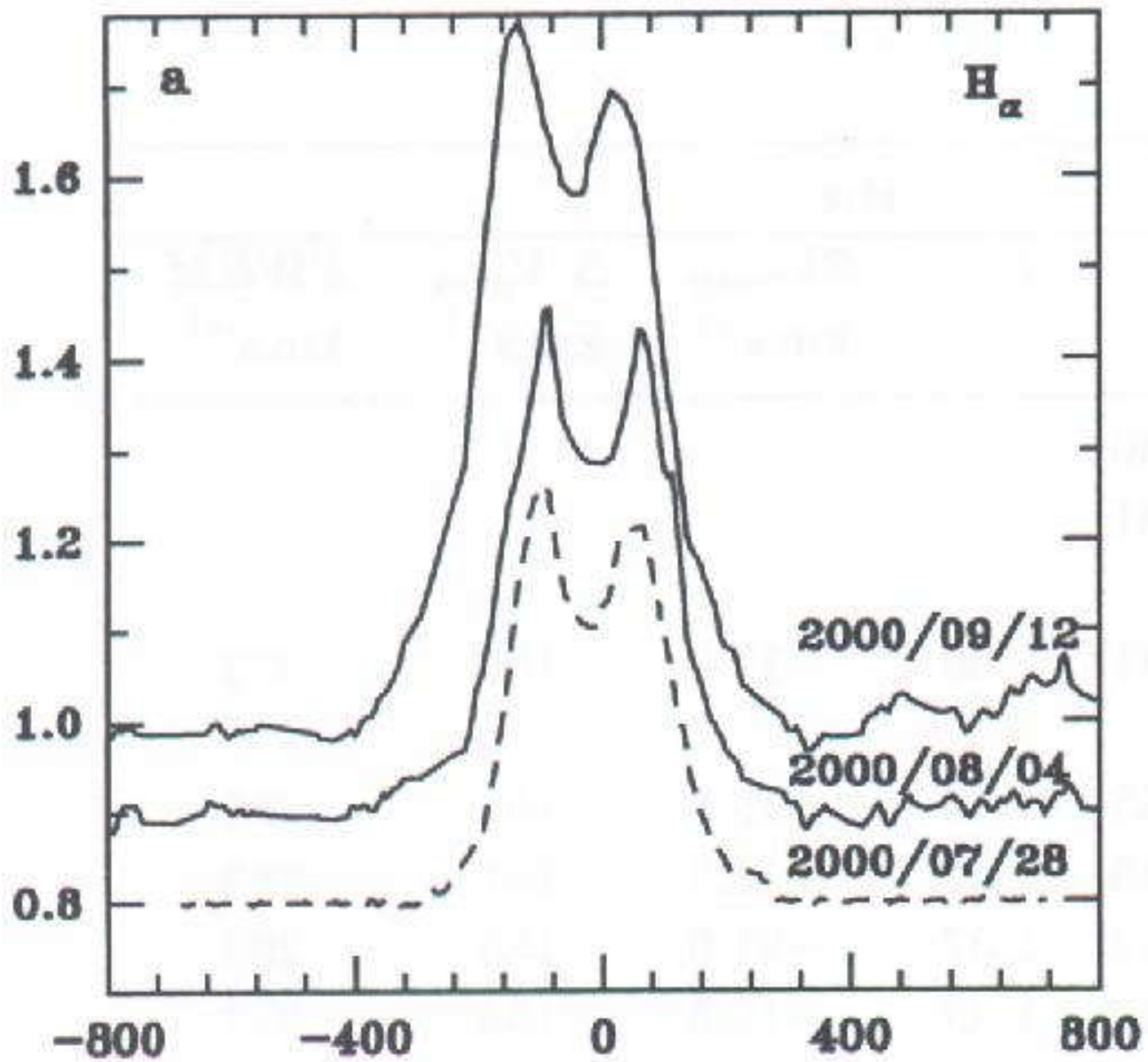




# Delta Scorpii lightcurve

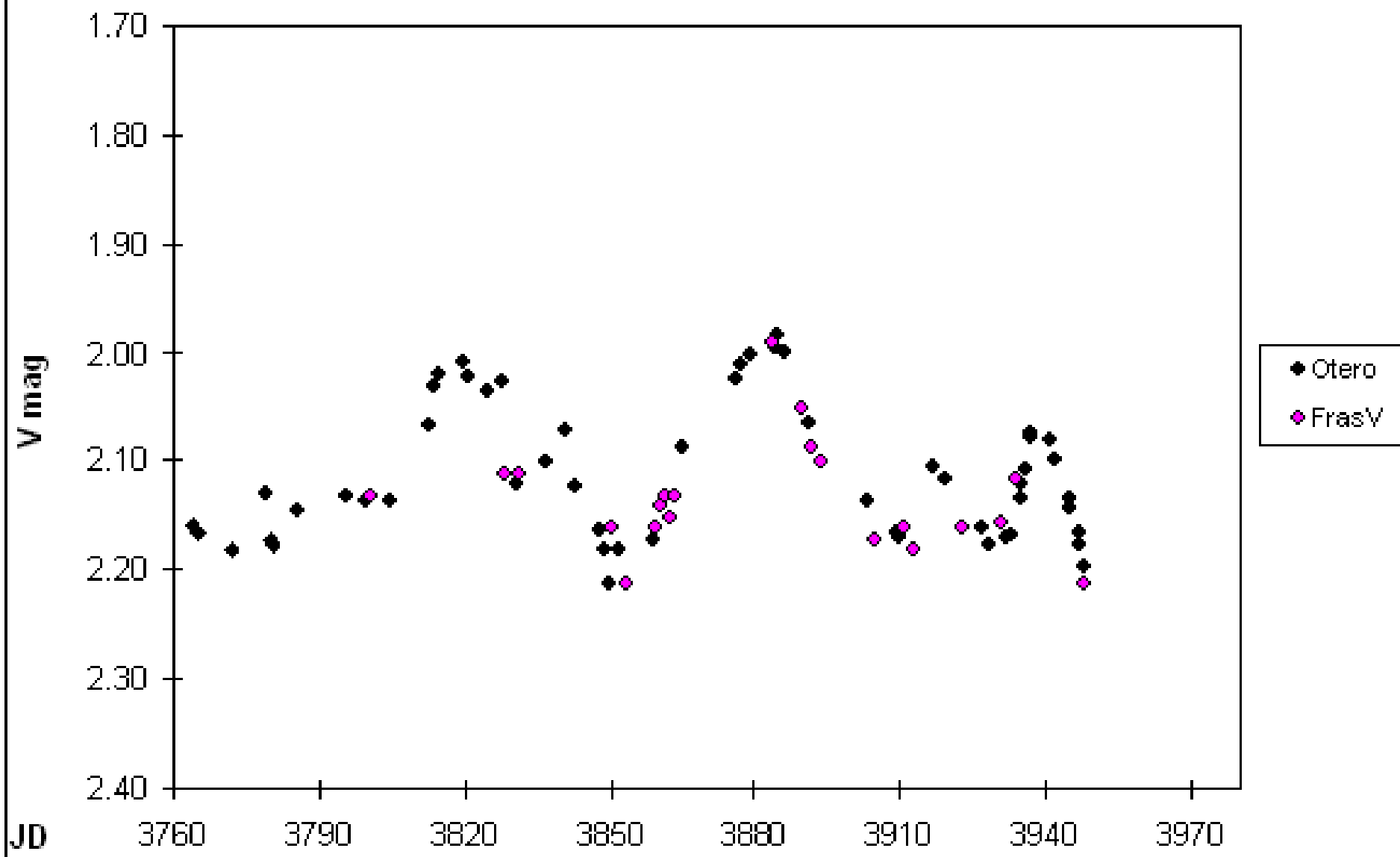
June 2000 to October 2000

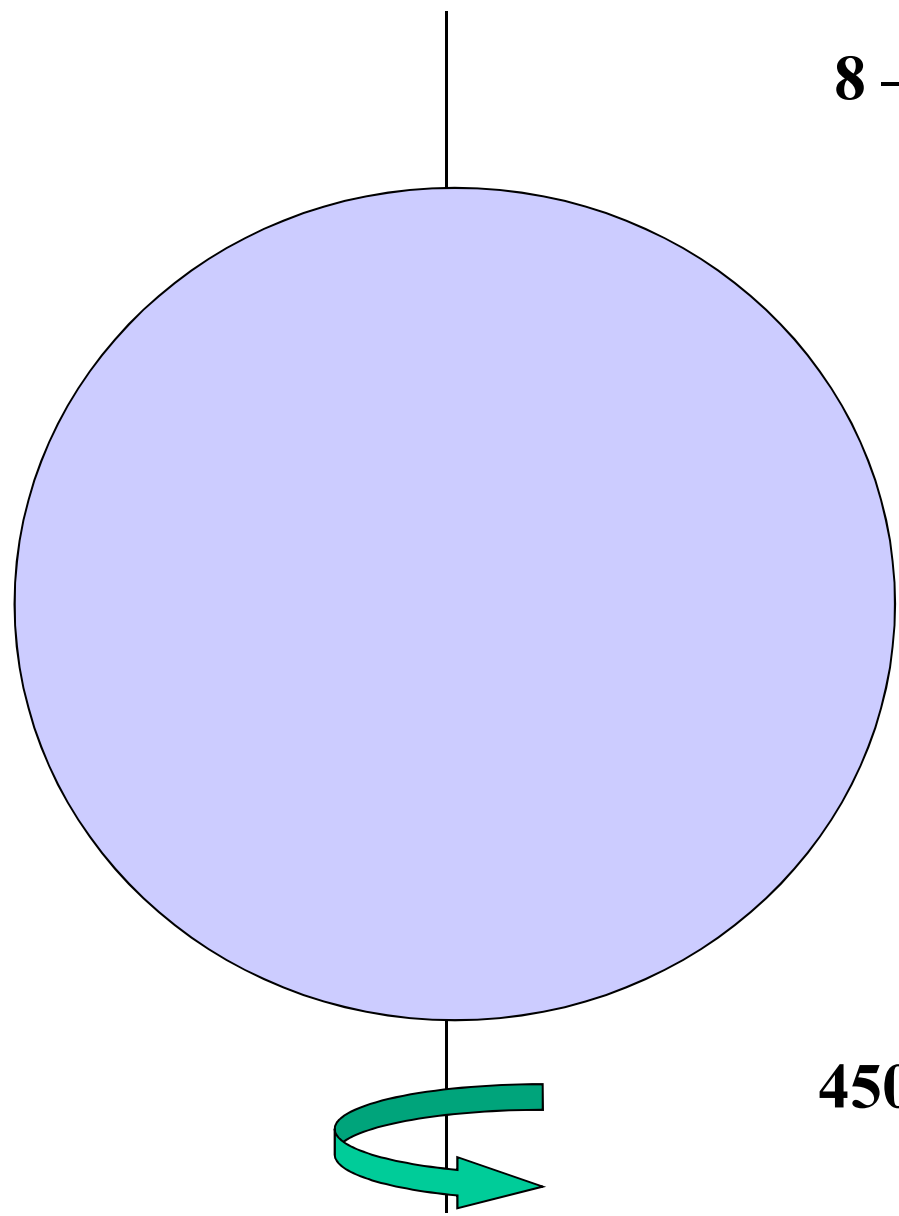






# Delta Scorpii recent

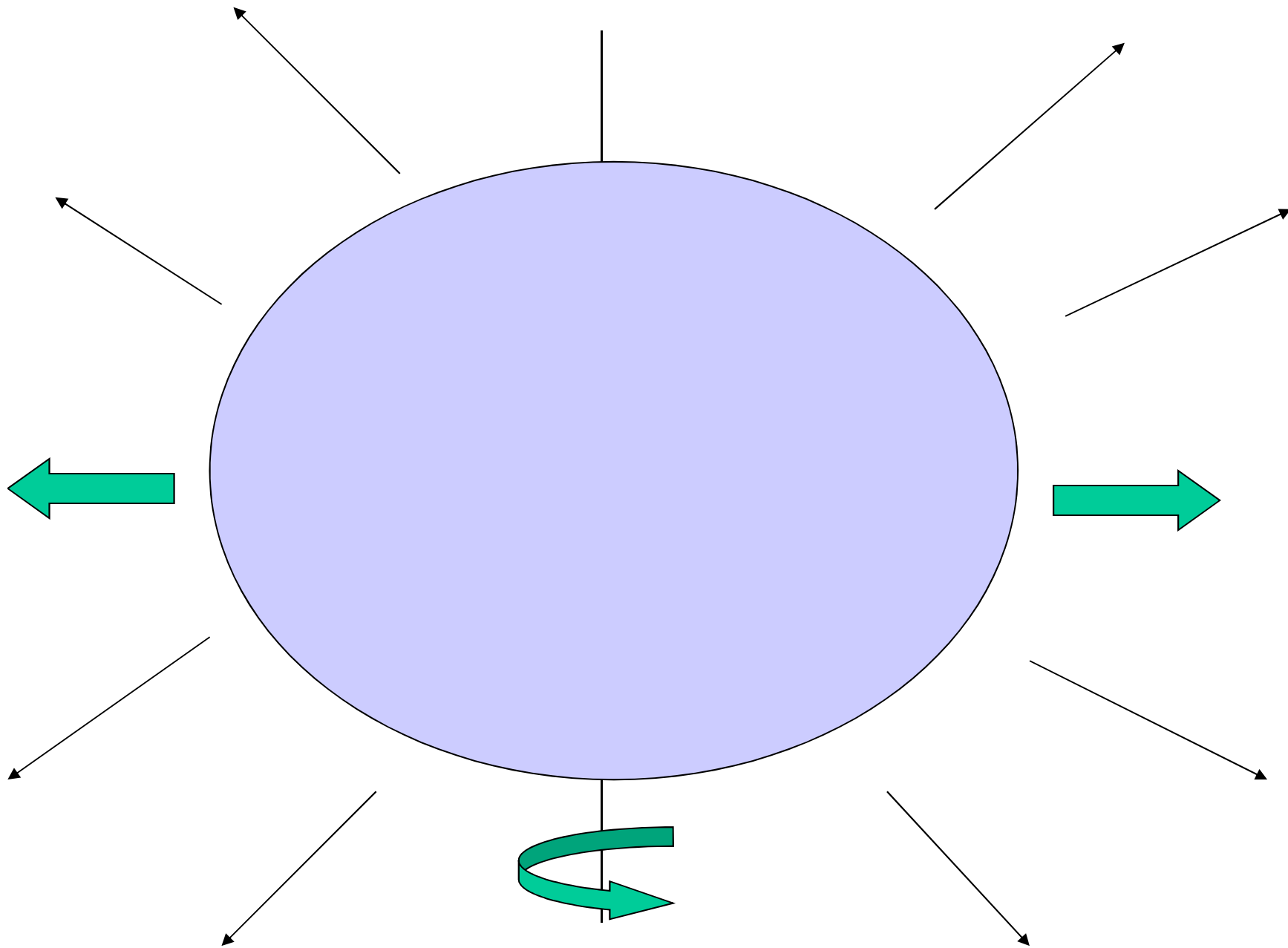


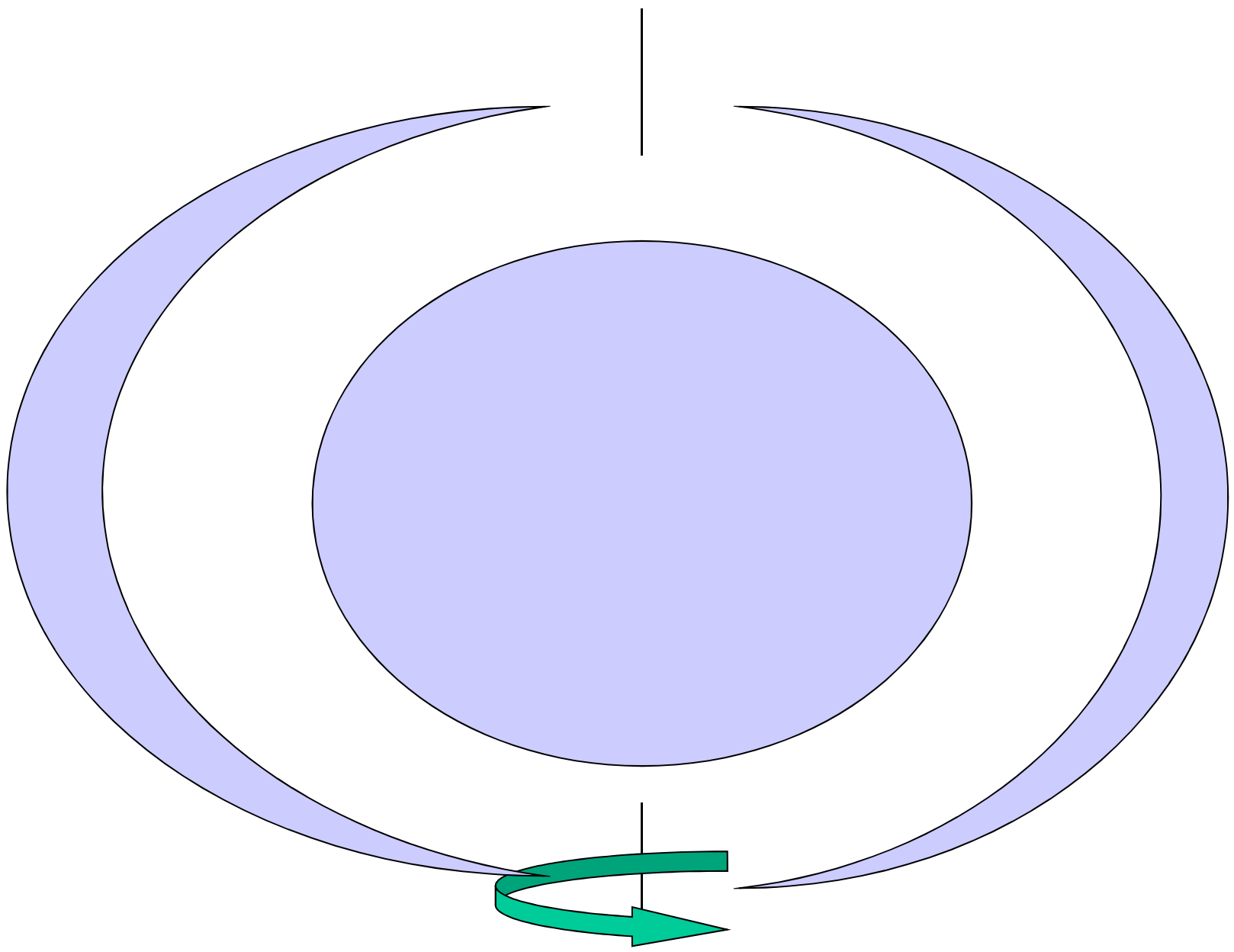


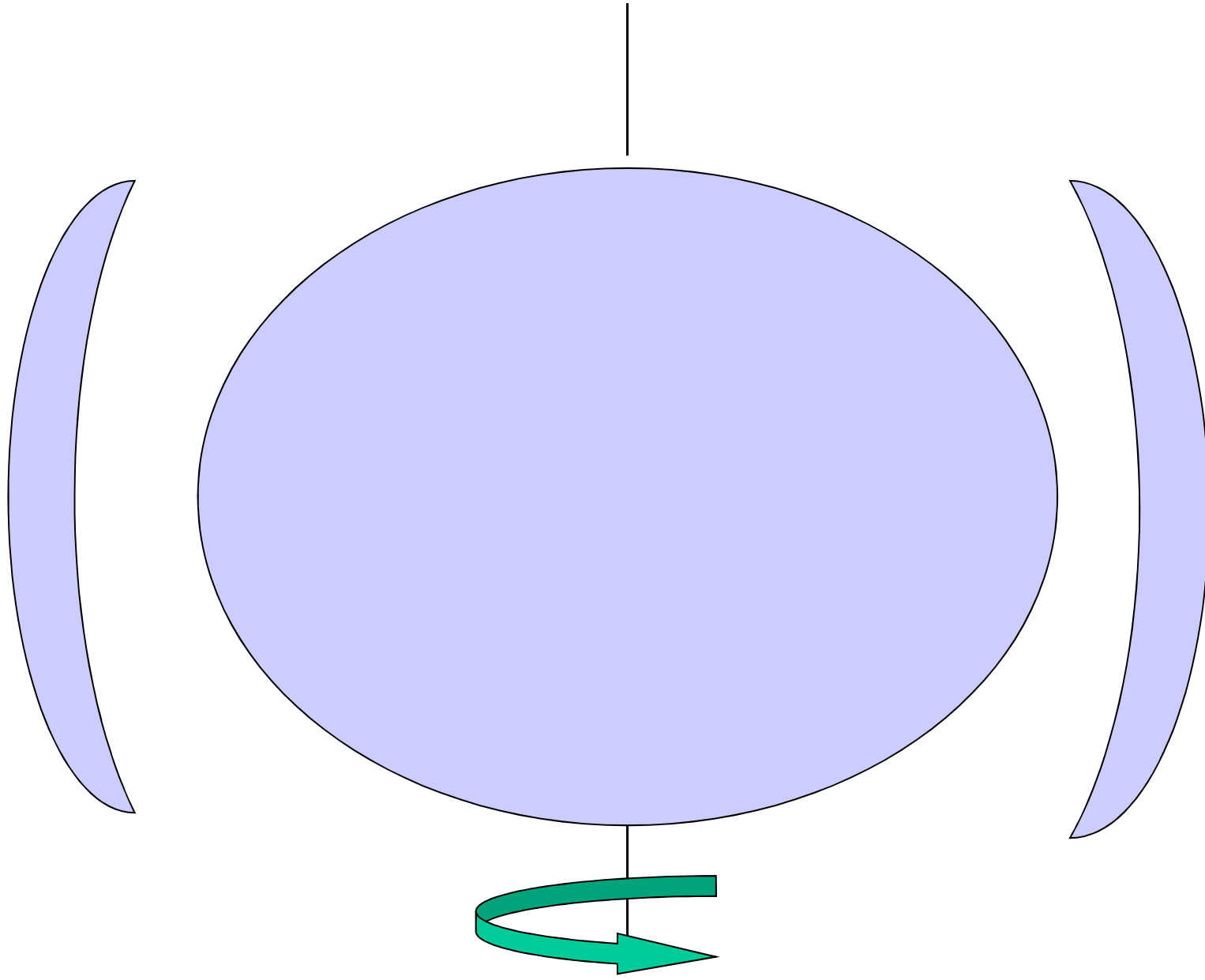
**8 – 20 Solar mass**

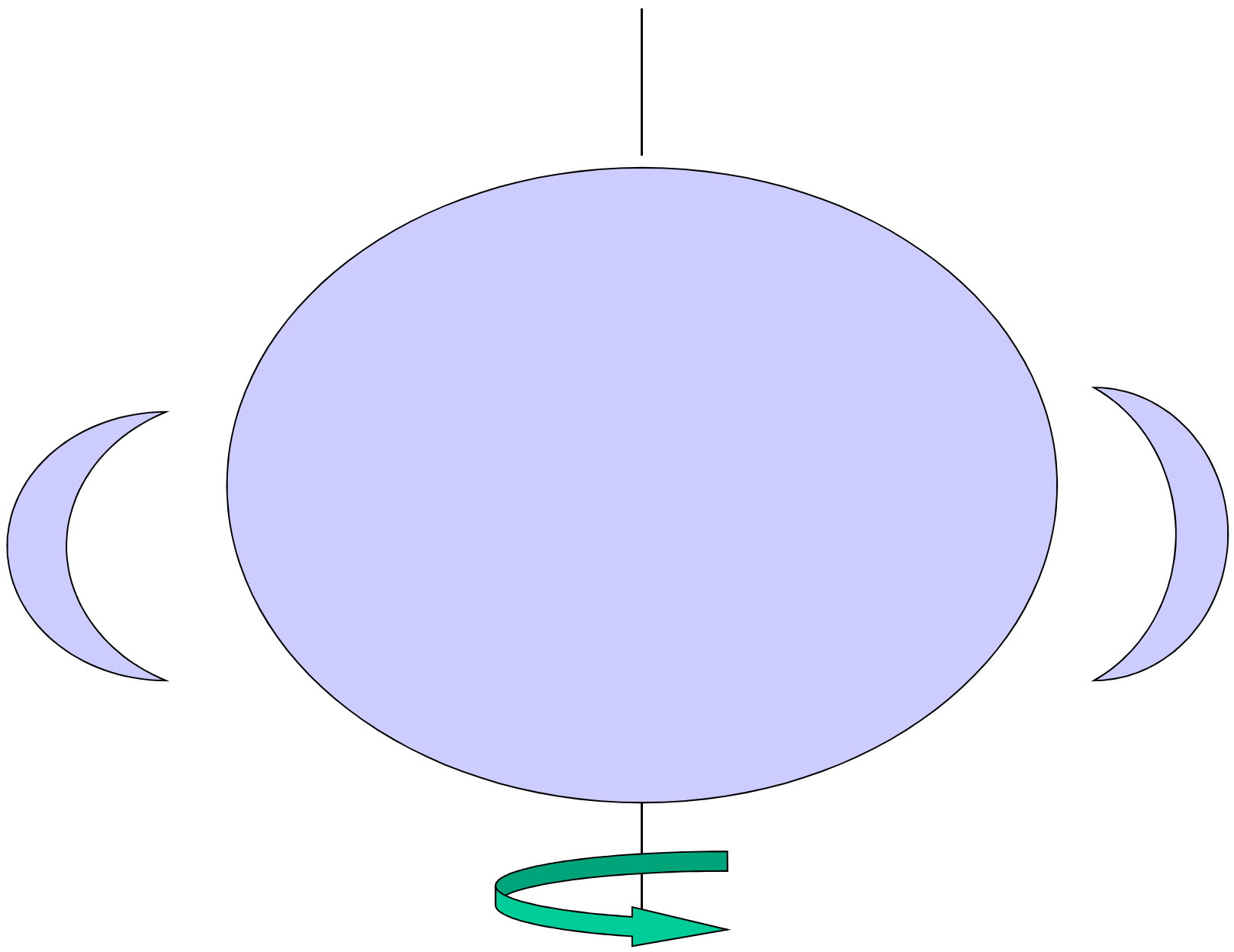
**28,000 deg**

**450 km/sec**

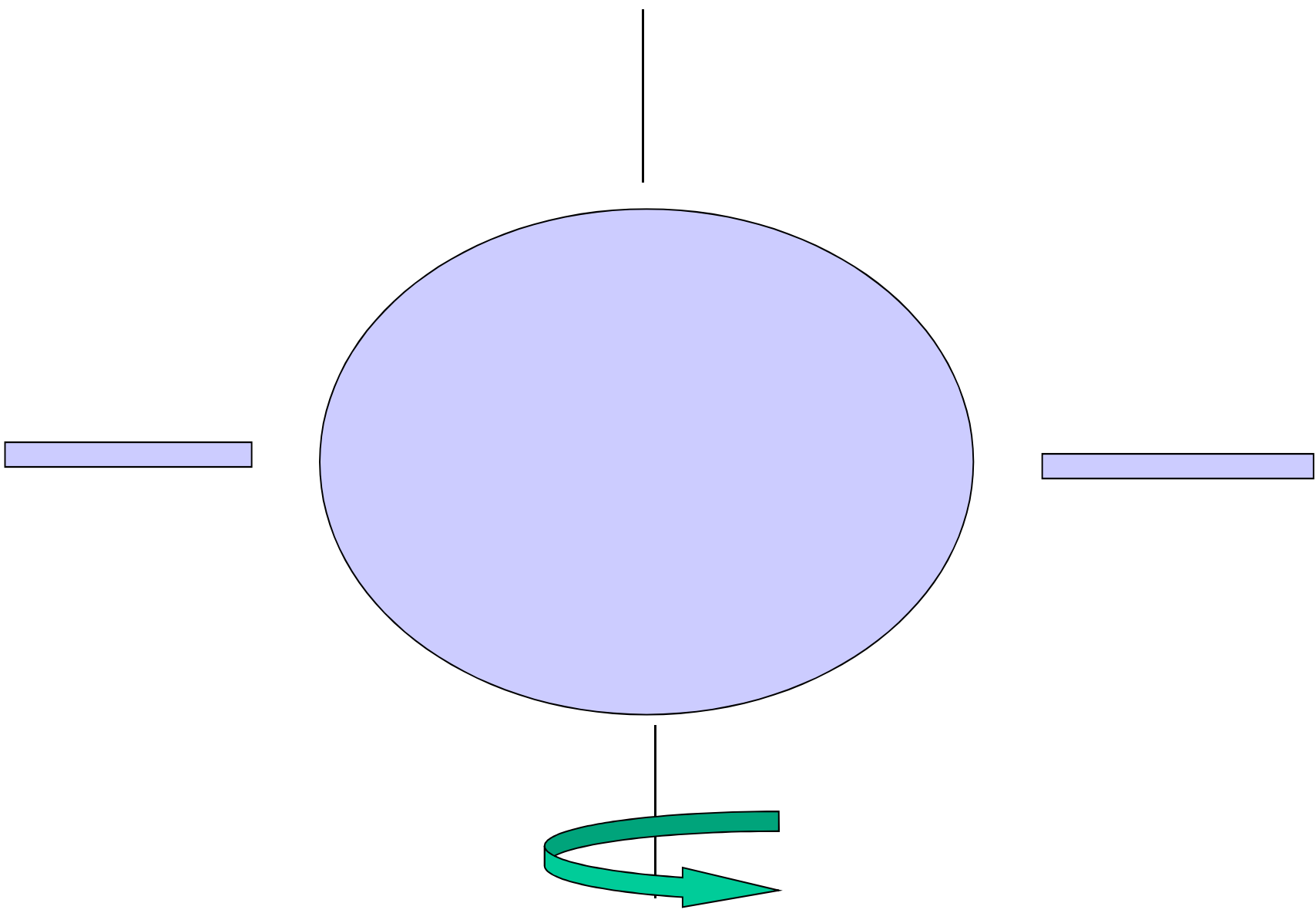


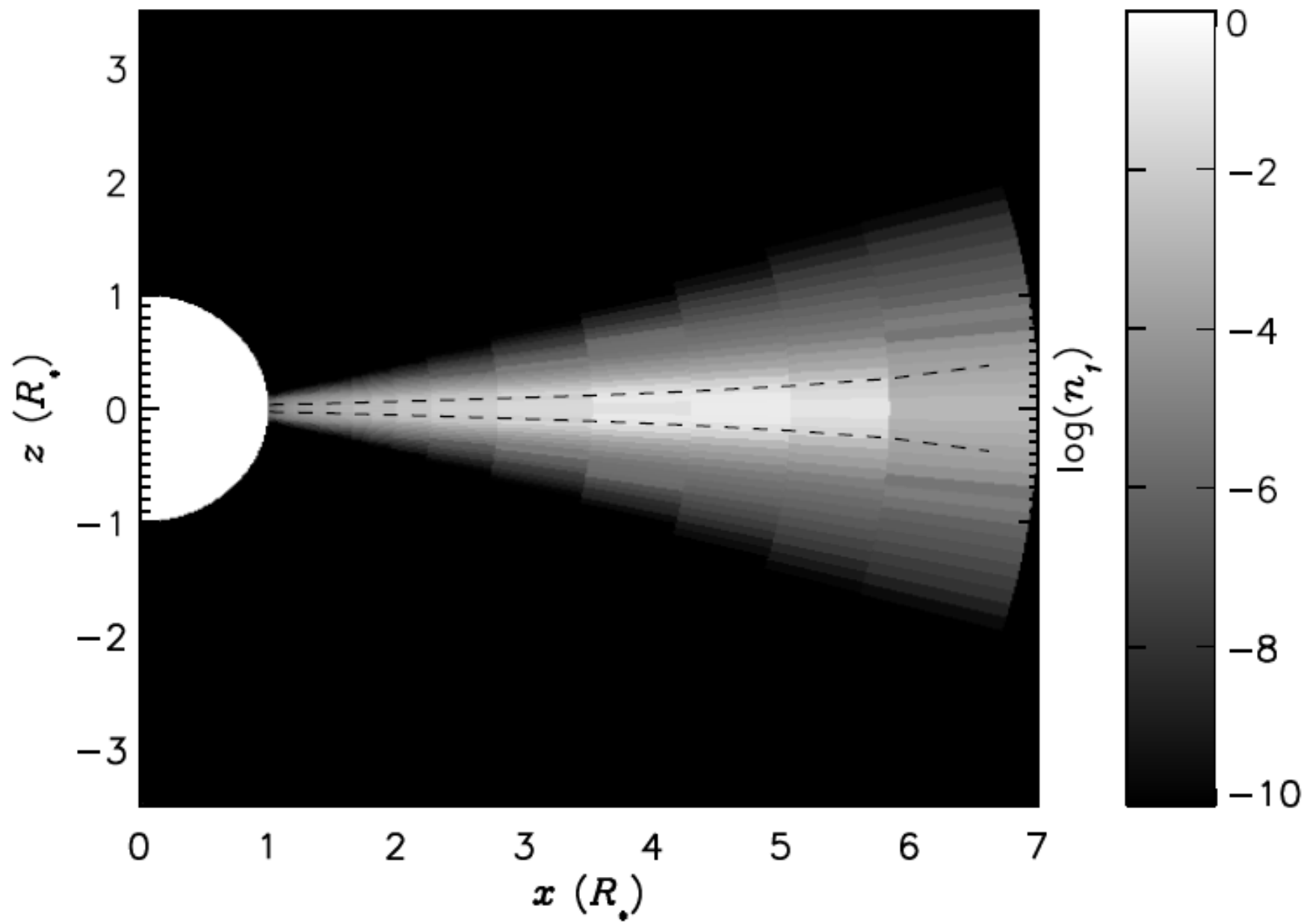












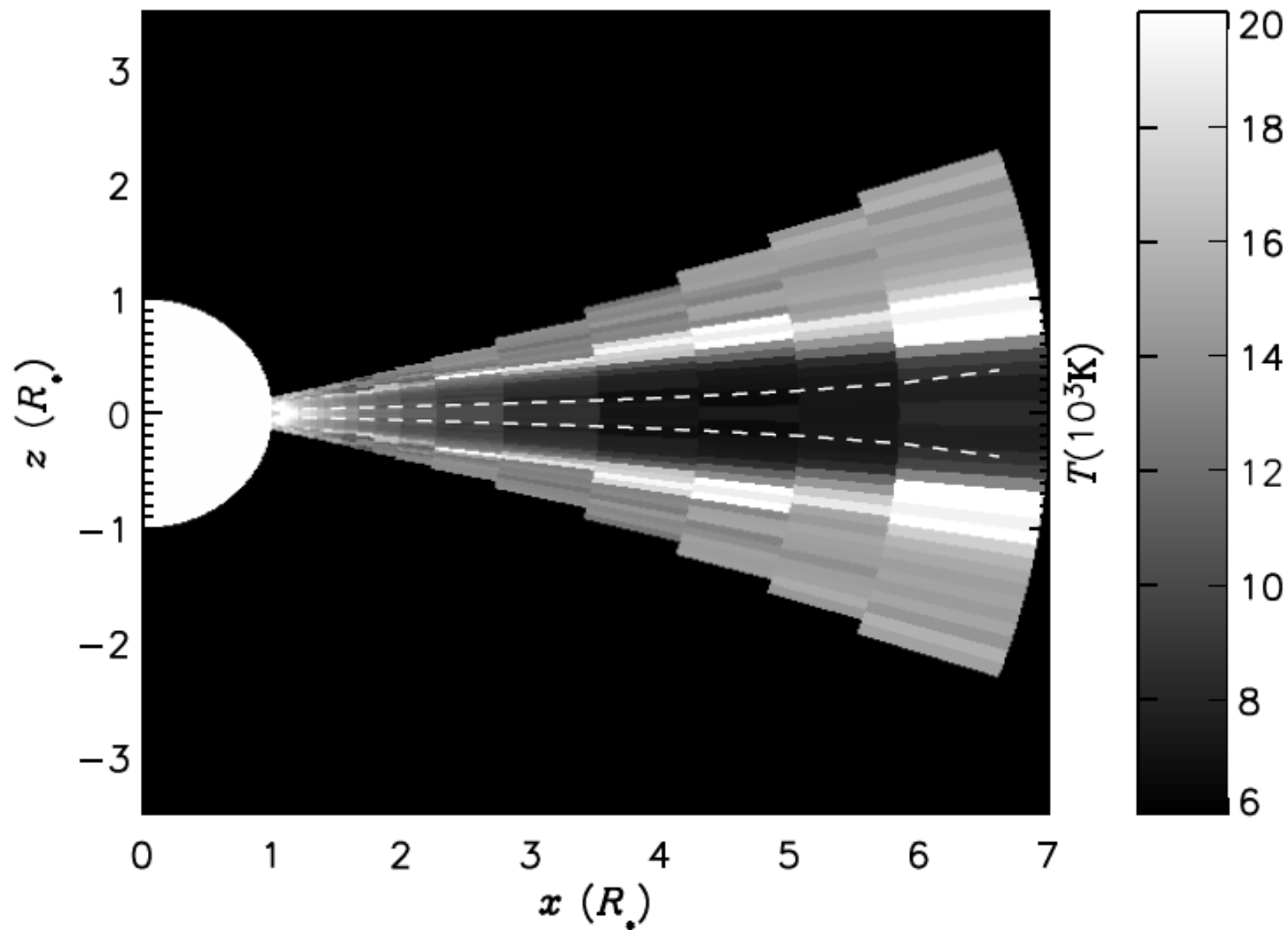
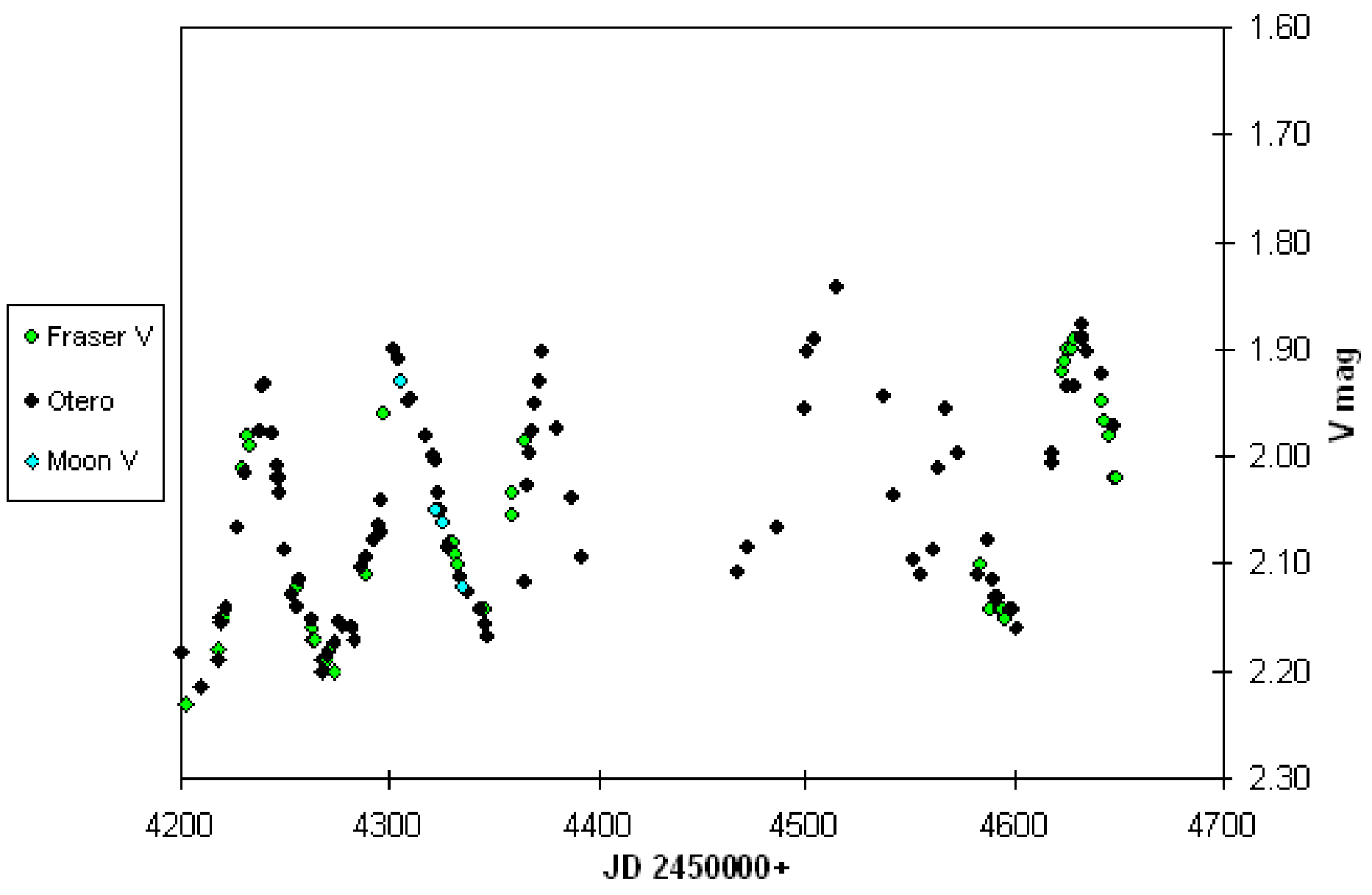


Fig. 6.— Temperature distribution of the best-fitting model. The plot shows the temperature as a function of  $x$  and  $z$ . The dashed lines correspond to the curves  $z = \pm H(x)$  and show

# Delta Scorpii 2007-2008



# Delta Scorpii

