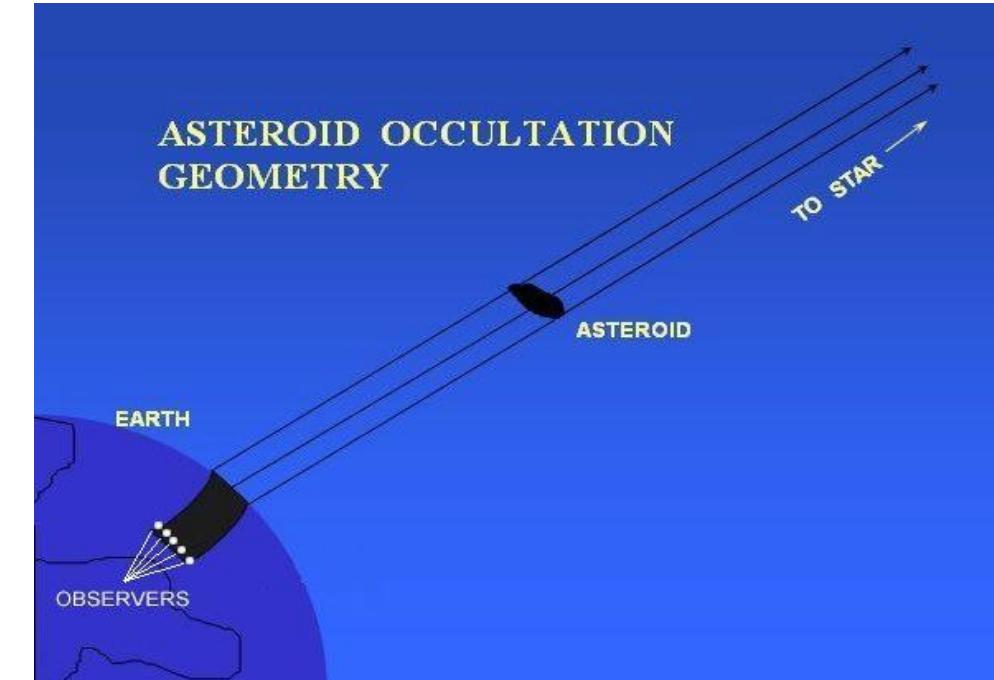


# SIMULATION OF ASTEROID'S ROTATION

Atila Poro  
Fatemeh Montazeri Najafabadi  
(IOTA/Middle East)

36<sup>th</sup> European Symposium on Occultation Projects(ESOP)  
Freiberg, Germany, September 15<sup>th</sup> -19<sup>th</sup> 2017

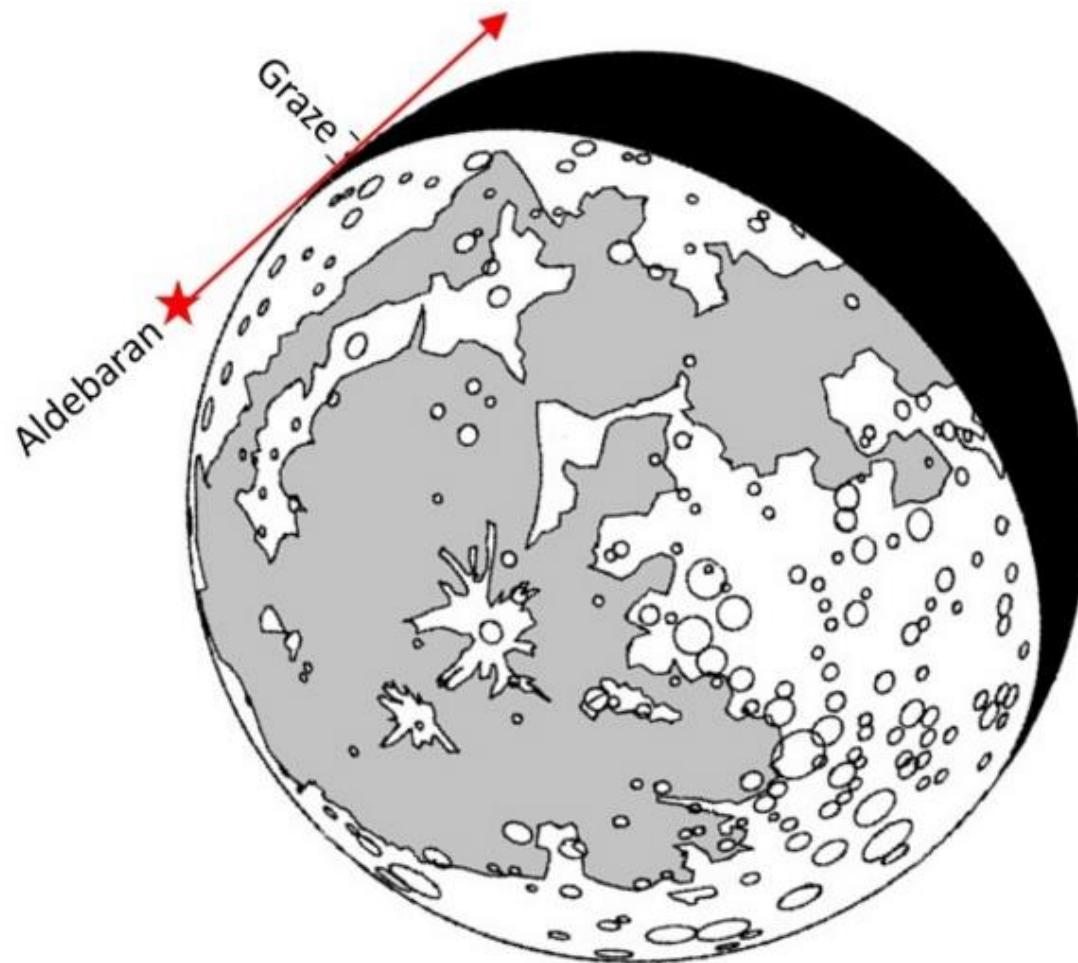
# Occultation



- This feature is more common for moon

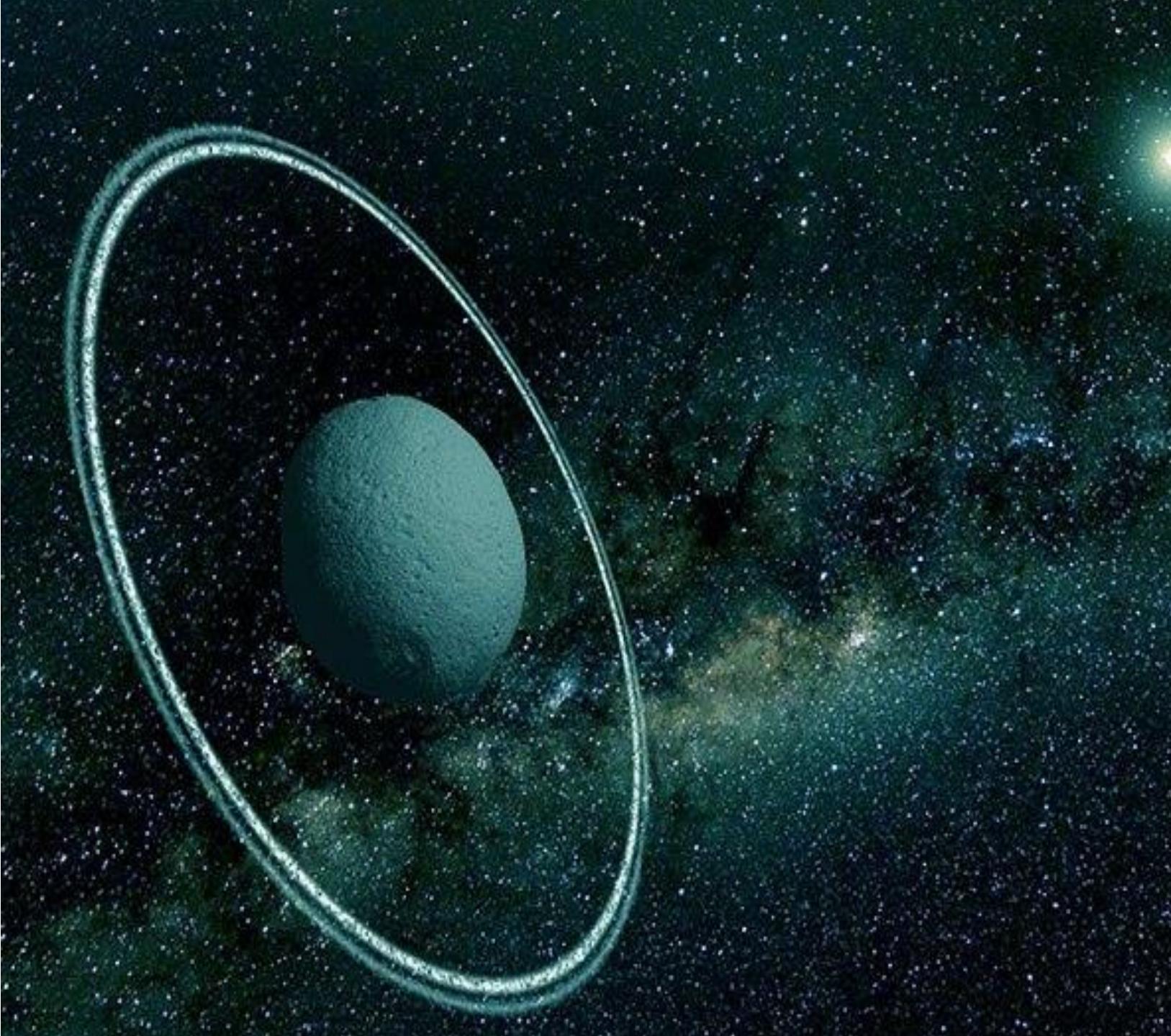


# Moon for Aldebaran Graze, Oct. 18/19, 2016

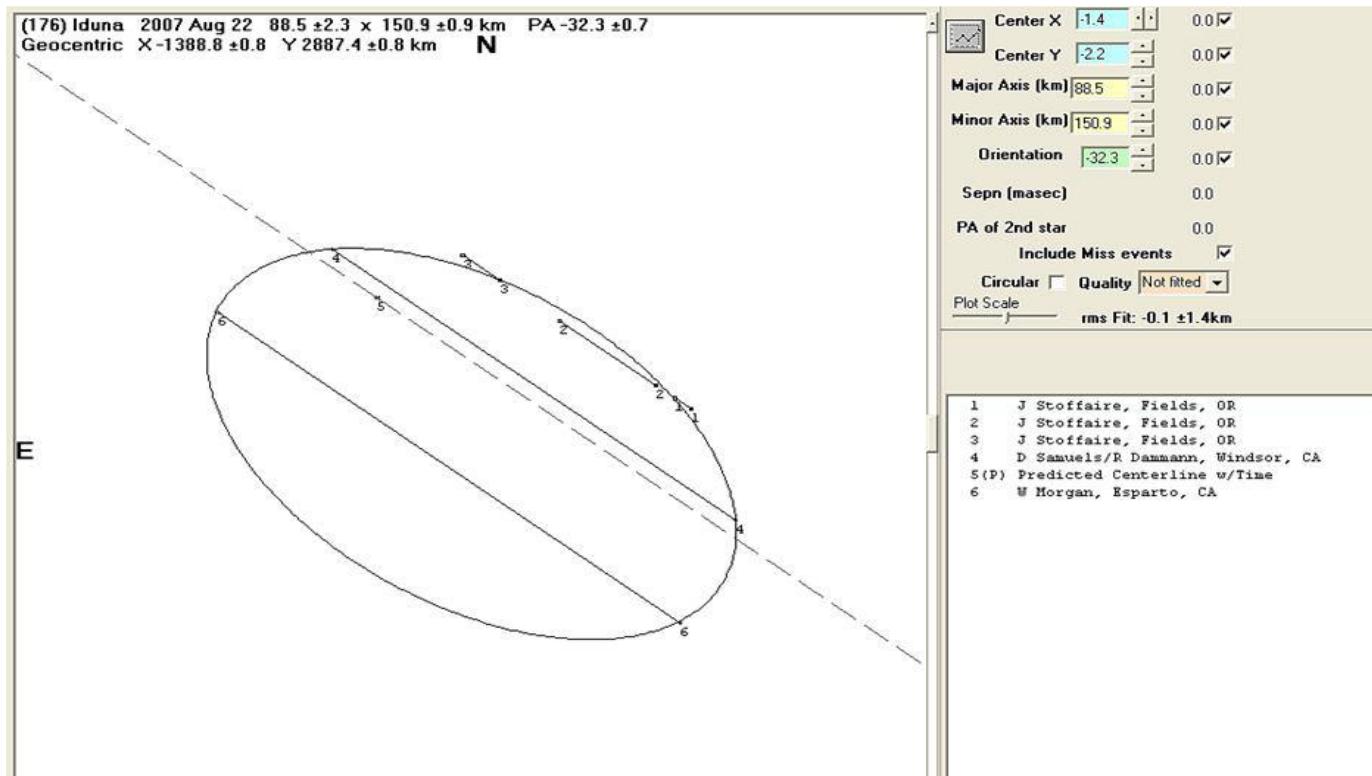


# Rotation

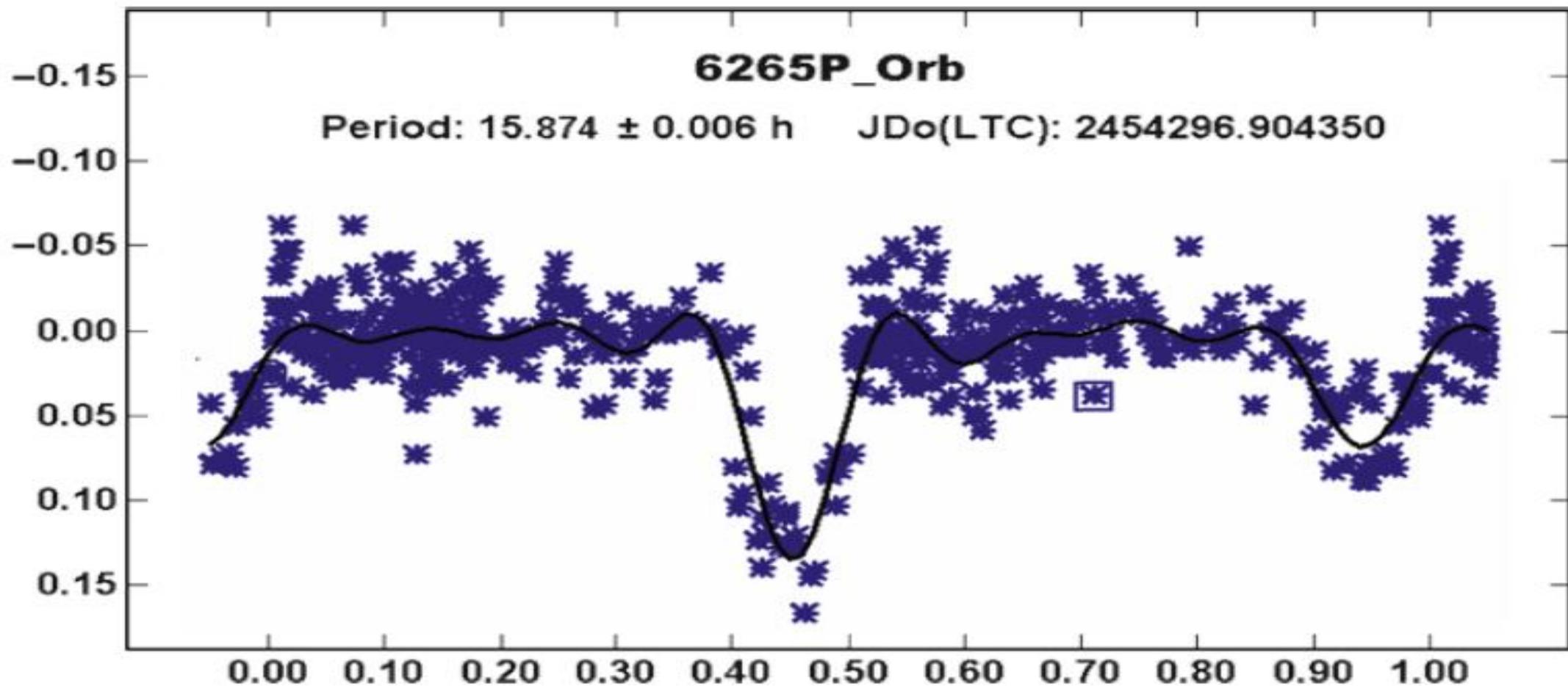
- ✓ Asteroid's shape  
and atmosphere
- ✓ Asteroid's size
- Asteroid's density
- Asteroid's family
- ✓ Asteroid's ring



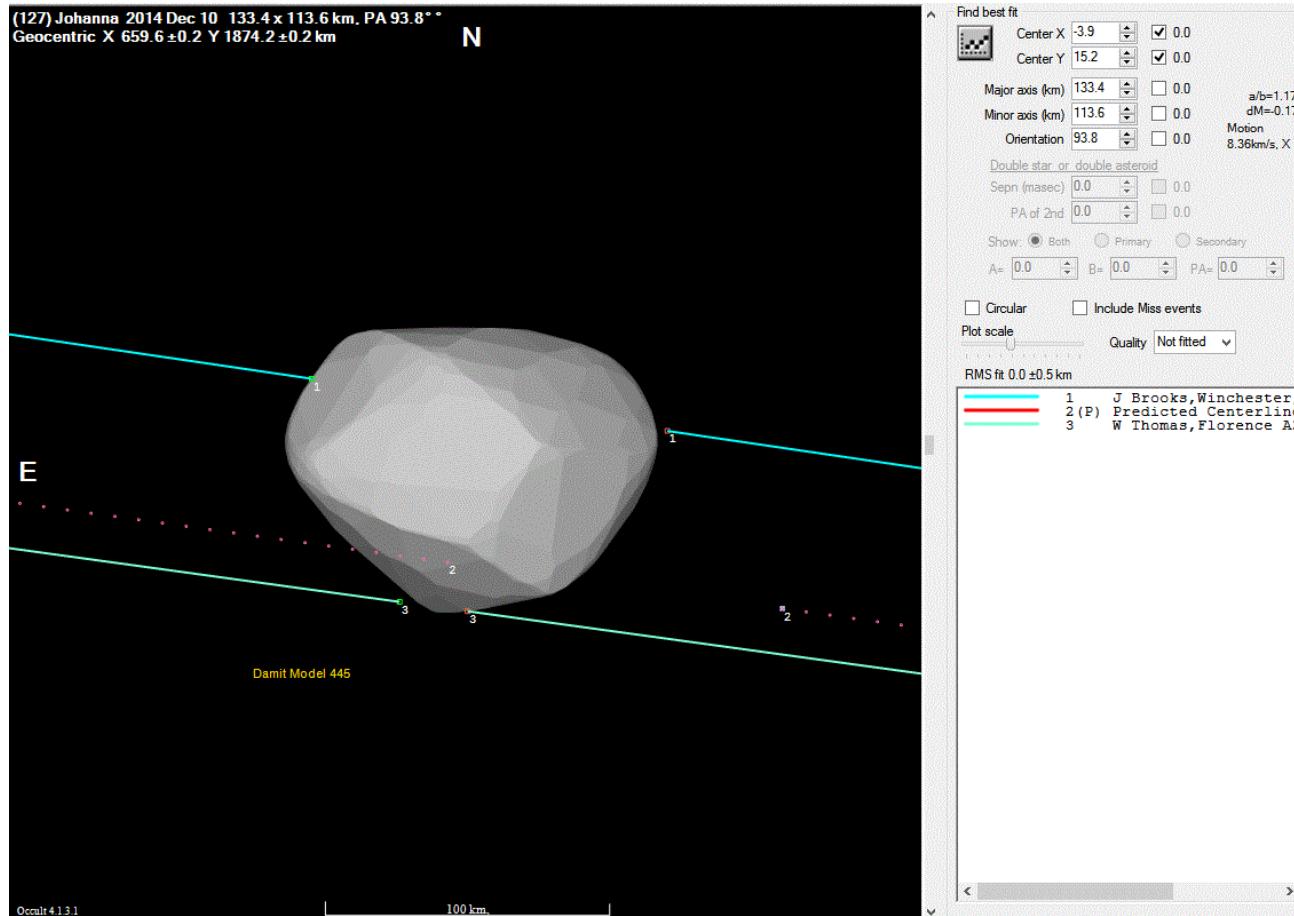
# FLASHING



## ➤ Binary Asteroid(Grazing)



# ➤ Appearance of Asteroid



# REASONS

- ✓ Binary
- ✓ Mountain ,...
- ✓ Elliptical Asteroid Rotation High Speed

# GOAL

- Reason
- Maximum
- Simulation

# THANKS FOR YOUR ATTENTION

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