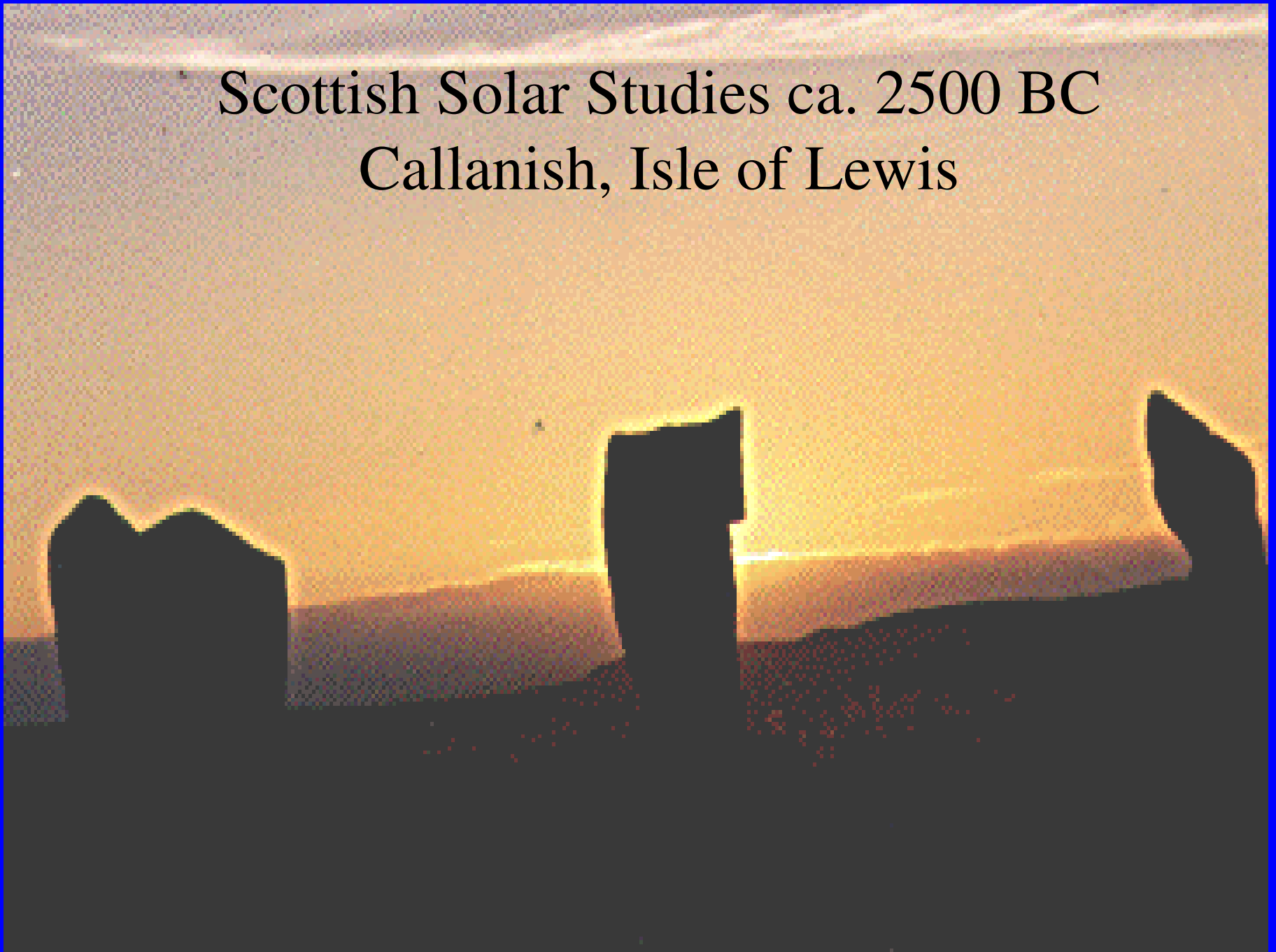


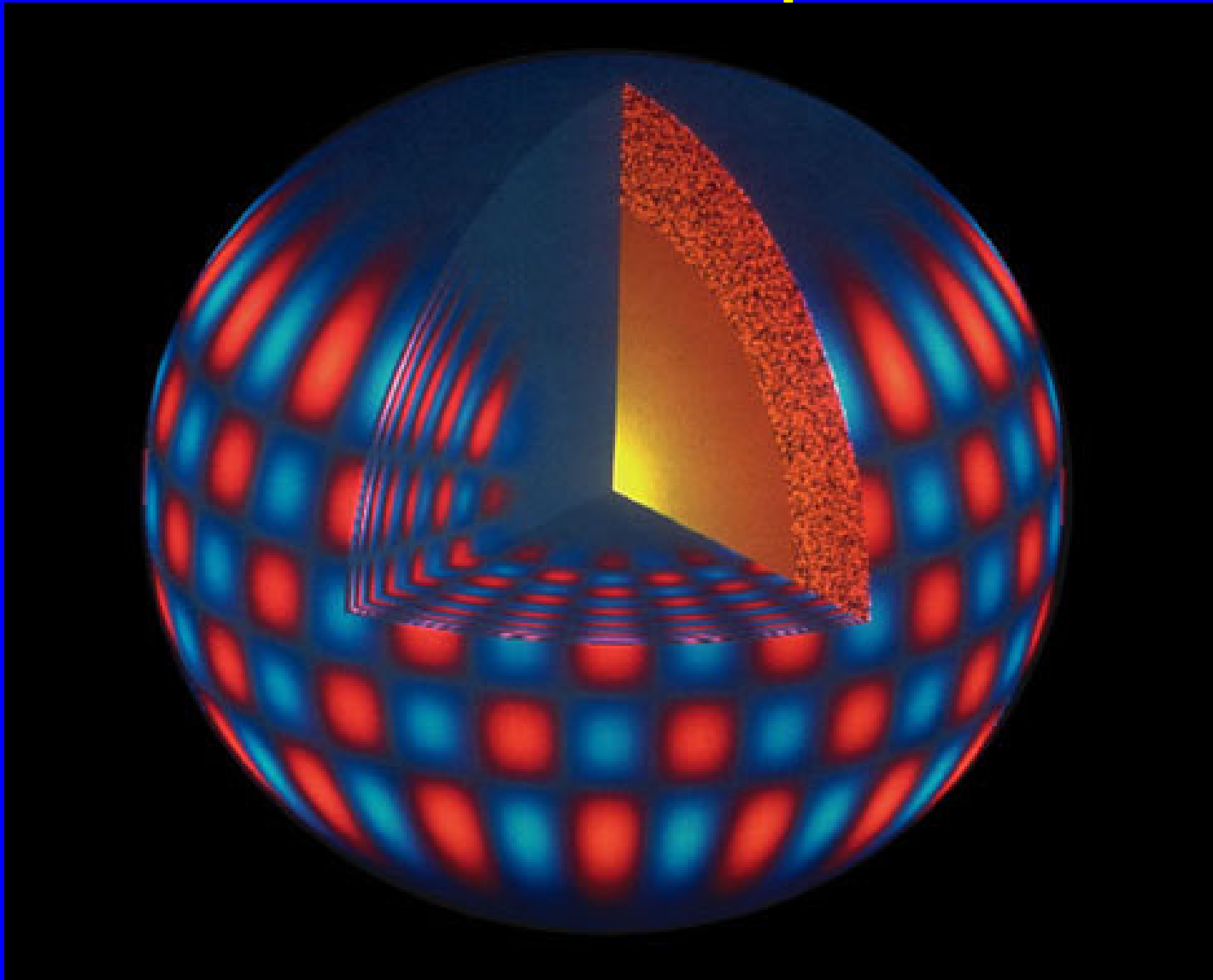
# MAGIC OF THE SUN AND STARS

The image features a vibrant, fiery background of the sun's surface, characterized by bright orange and yellow plasma with intricate, swirling patterns. A dark, circular shadow, likely from a solar filter or telescope, is visible in the lower foreground, partially obscuring the sun's disk. The overall composition is dramatic and emphasizes the intense energy and beauty of the sun.

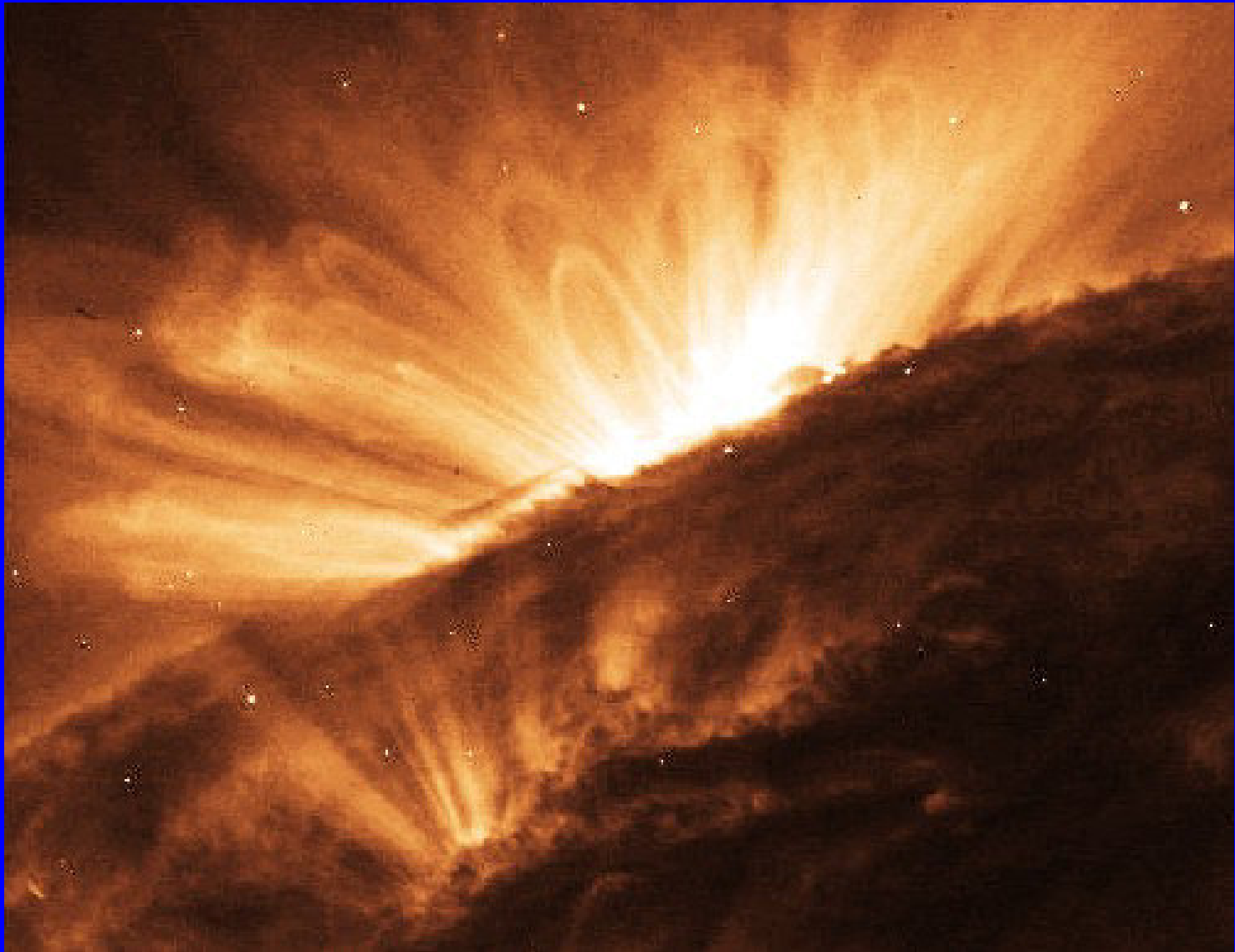
Scottish Solar Studies ca. 2500 BC  
Callanish, Isle of Lewis



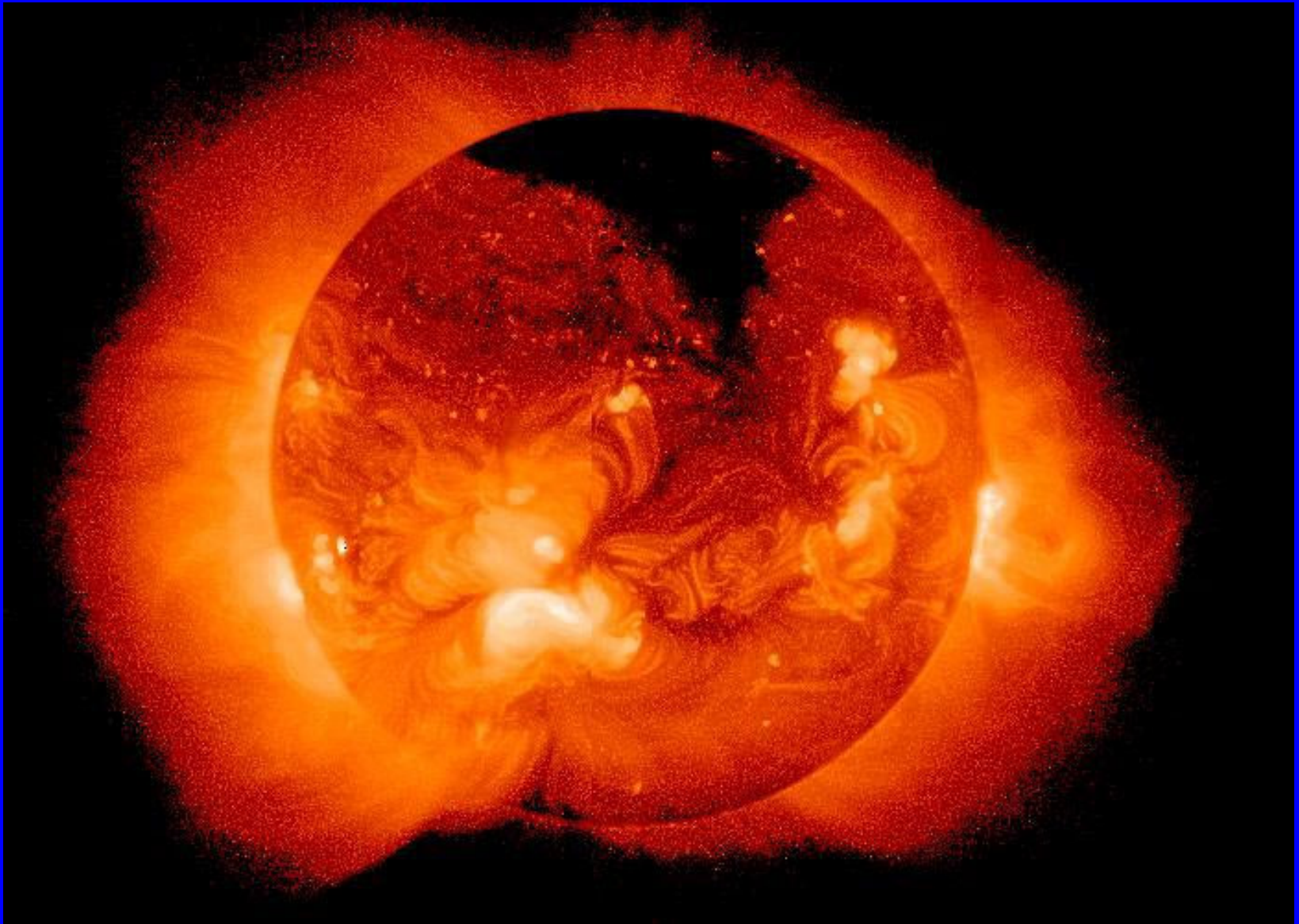
# Helioseismology - a solar stethoscope



# The Sun in the XUV (TRACE)



# The Sun in X-Rays (YohKoh)



A coronagraph image from the Solar and Heliospheric Observatory (SoHO) showing a coronal mass ejection (CME) in white light. The Sun's disk is visible in the center, surrounded by the solar corona. A bright, expanding ring of plasma is seen moving away from the Sun, characteristic of a CME. The image is set against a dark background.

SoHO  
White  
Light  
Corona  
CME

000/09/12 11:54



# Aurorae - Impact of Solar Weather



# RHESSI High Energy Imager

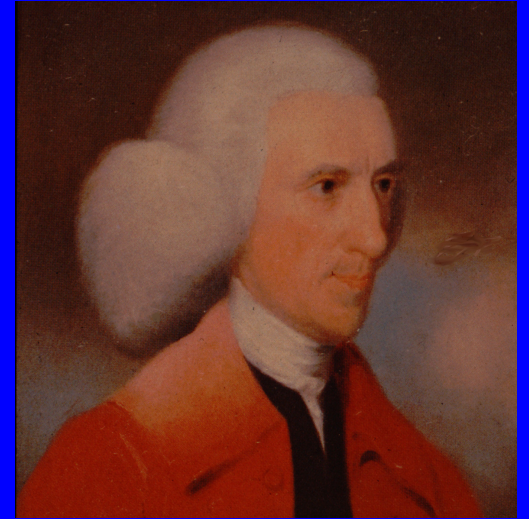
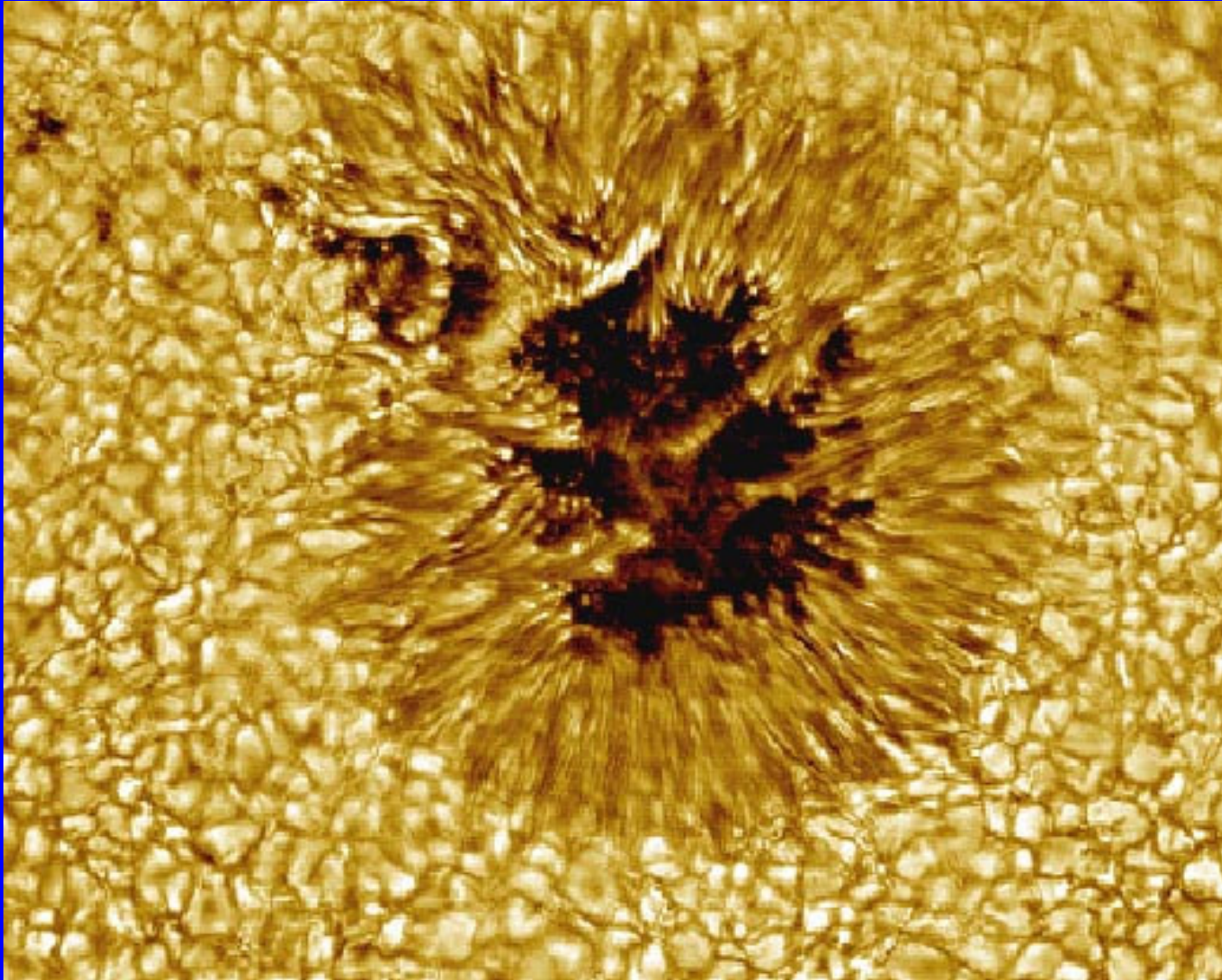


**HESSI  
Launch Video**

**LV: Orbital Pegasus XL**

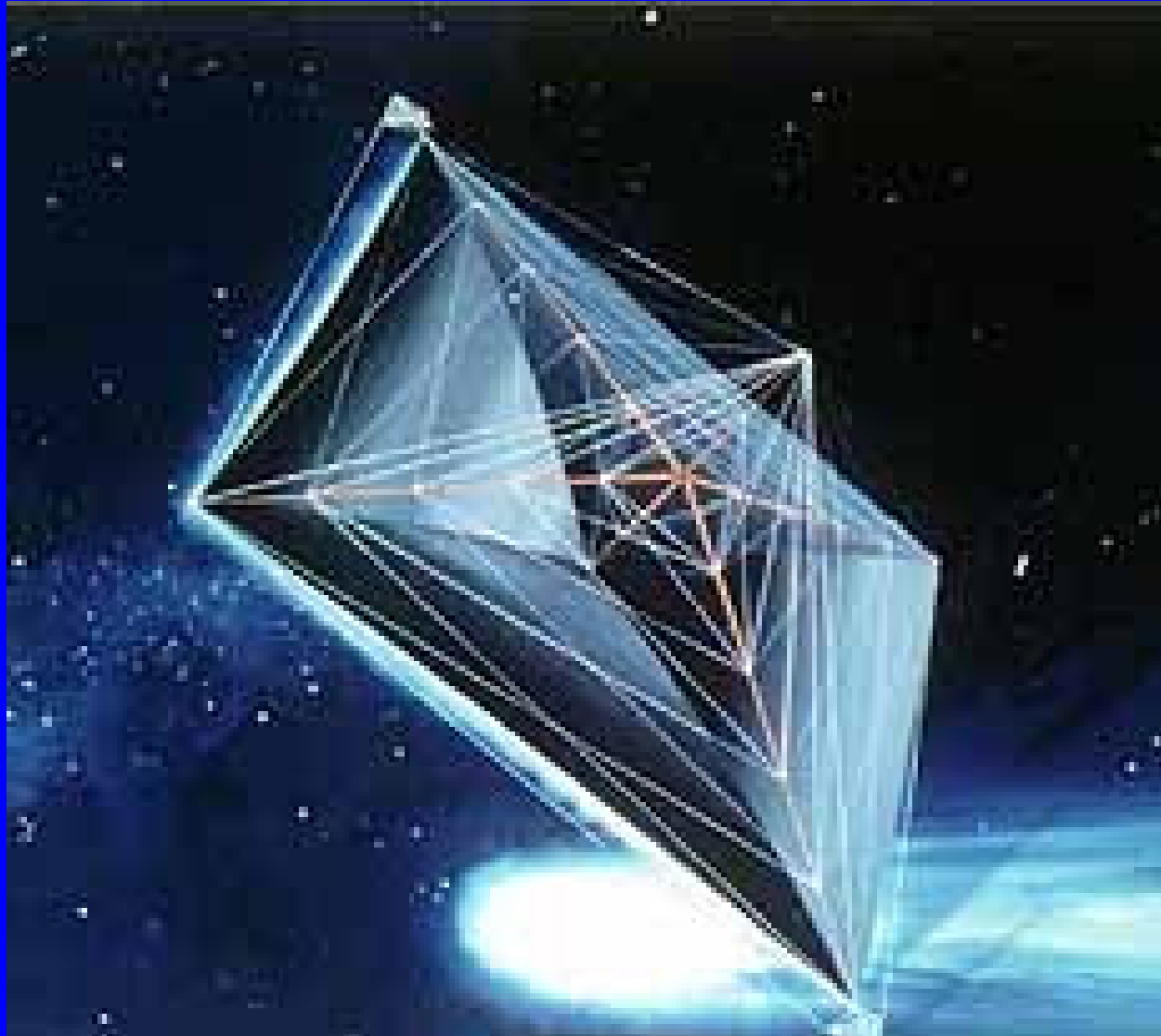
**Time: 0:20**

# SUNSPOT

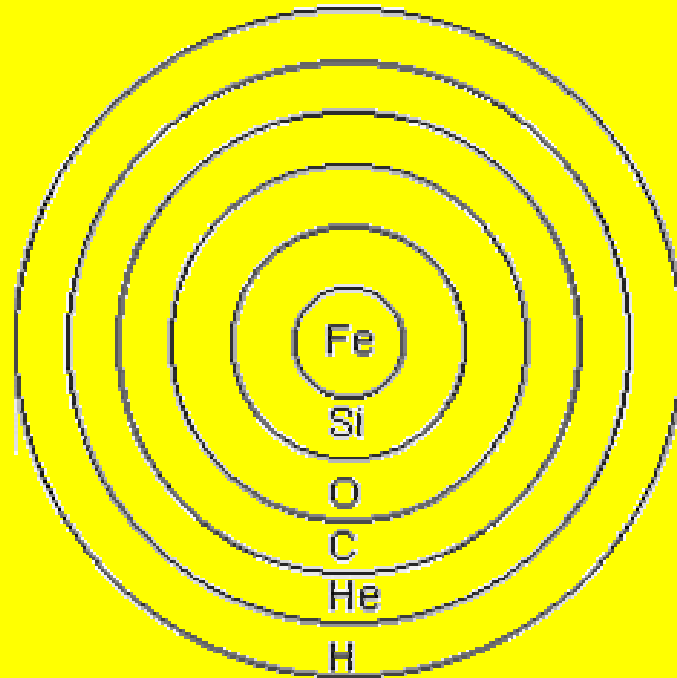


Alexander Wilson  
Glasgow 1760

# Light Levitation - Sailing on Sunbeams



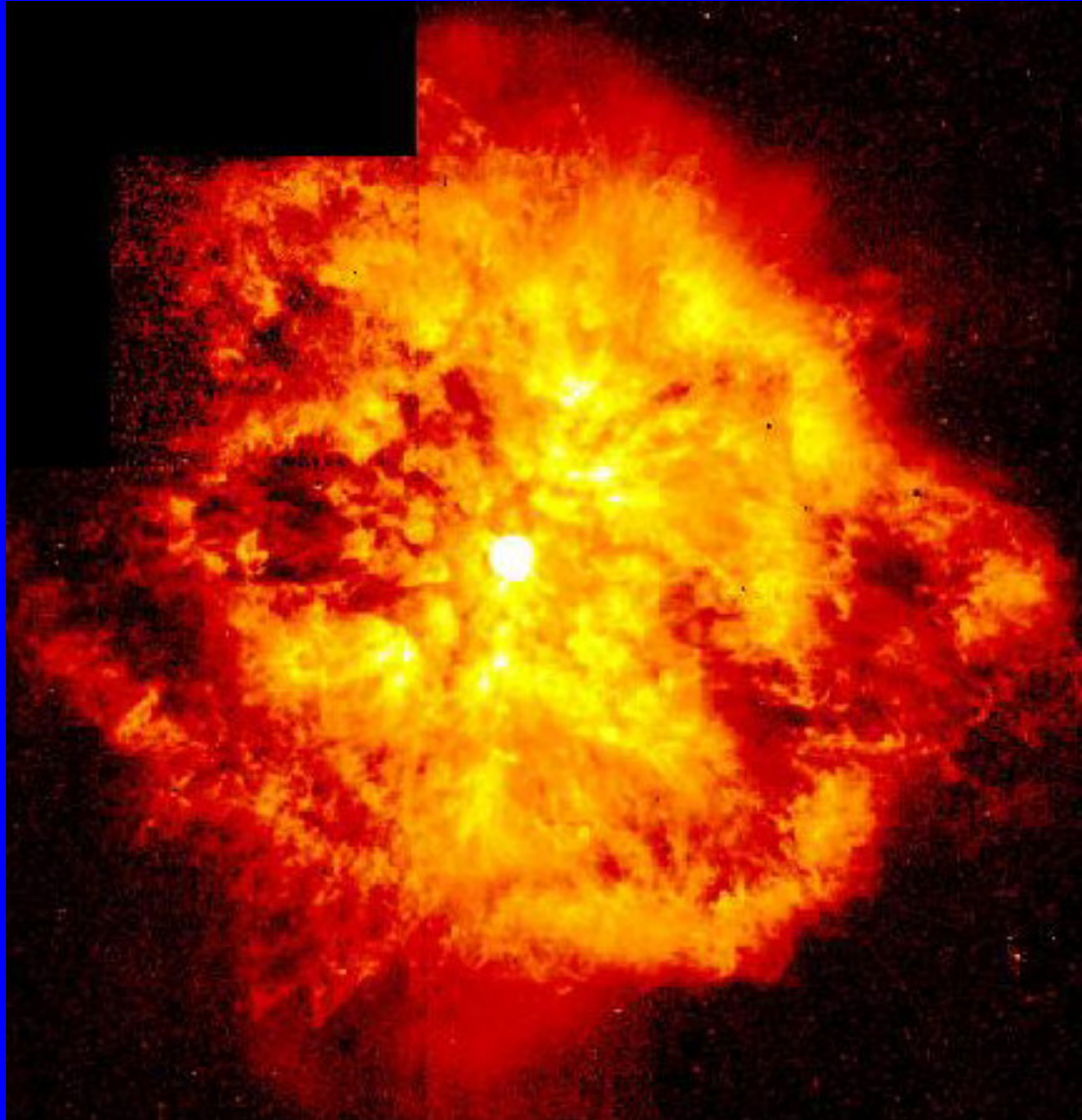
# Structure of an Old Massive Star



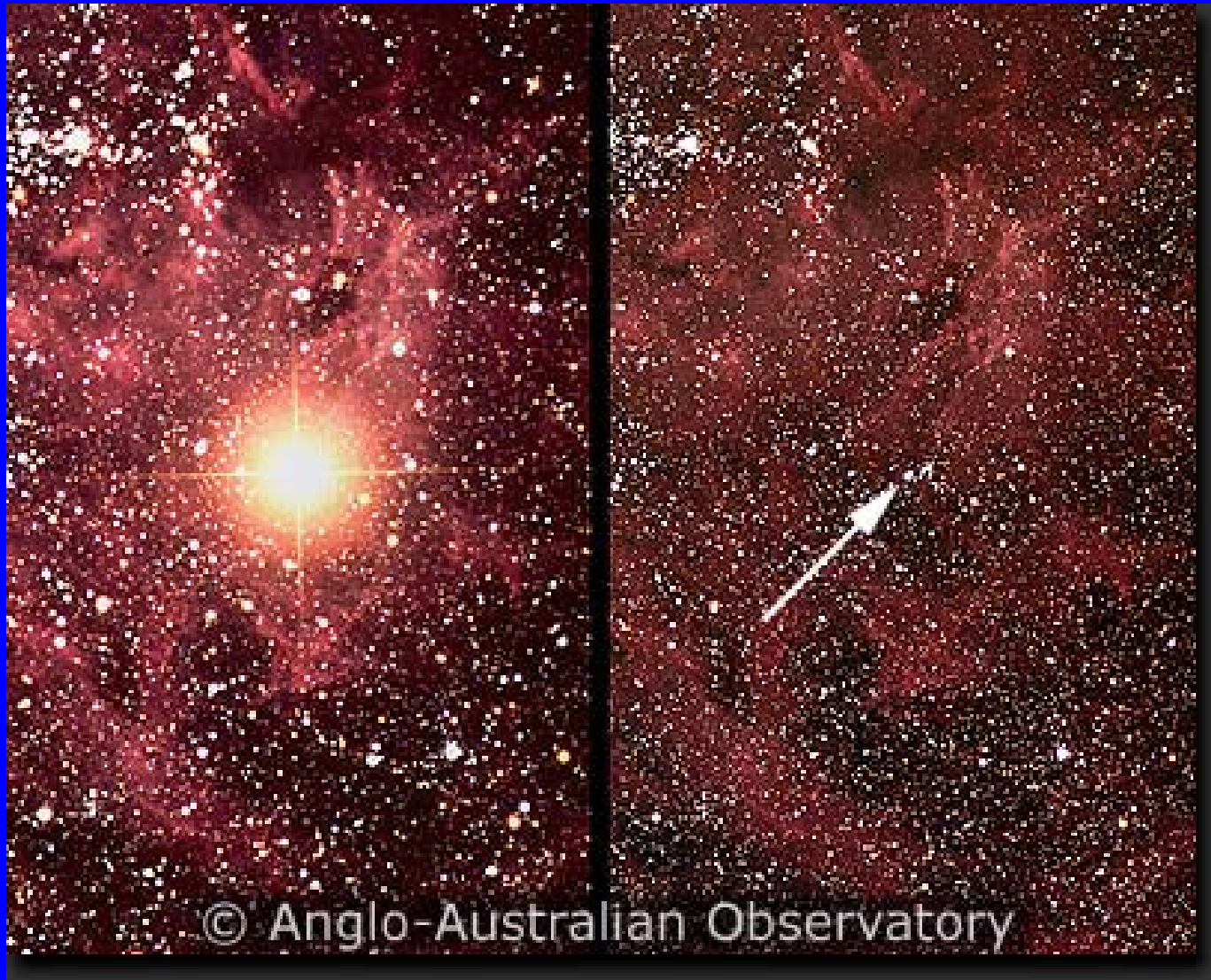
# Massive Be Star Wind and Disk

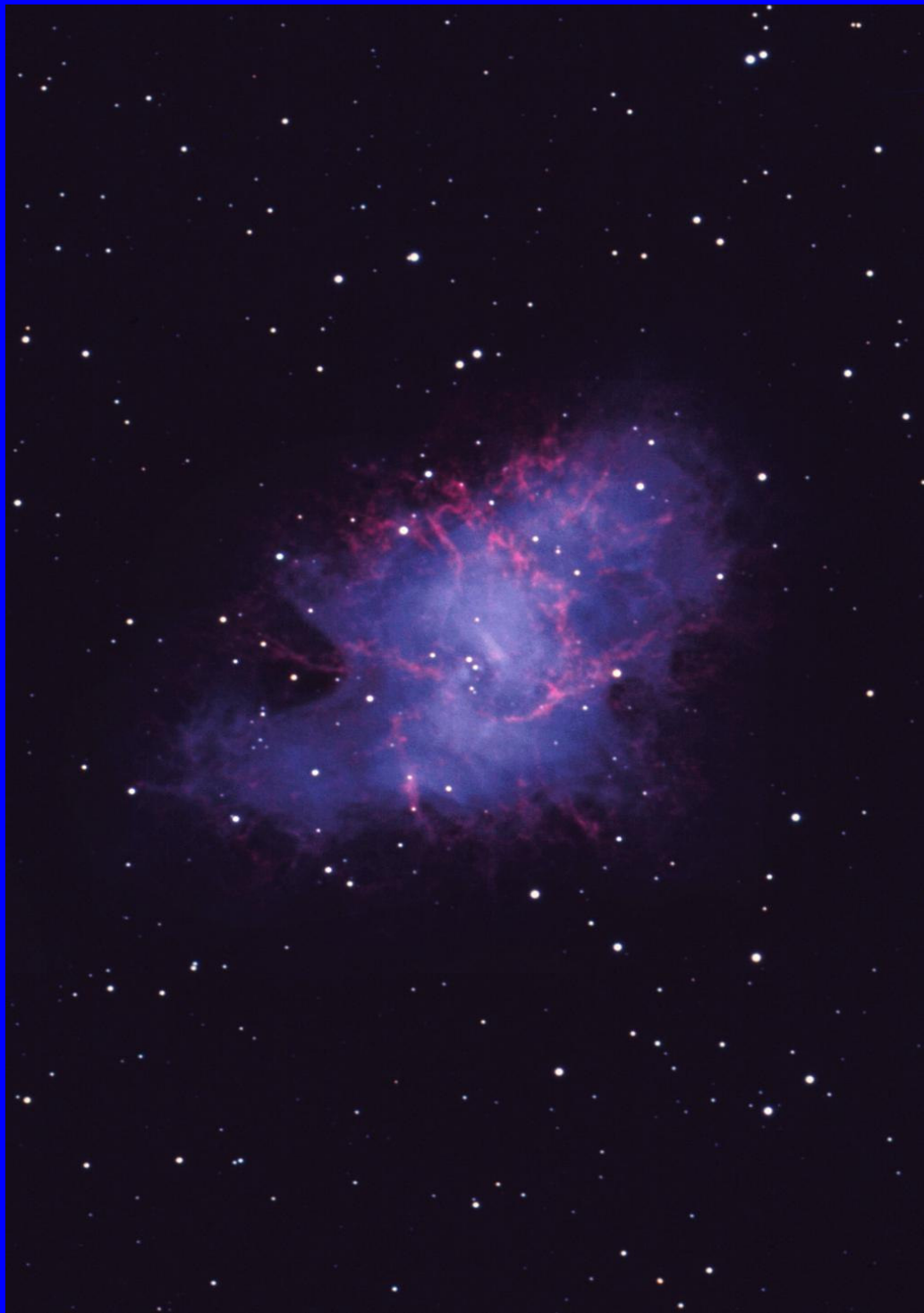


Wolf Rayet 124 Wind  
10,000,000,000 x Solar wind



# SN 1987a - an Exploding Star





Exploding  
Star  
Remains  
The Crab  
Nebula

# Veil Nebula



We are made  
Of Starstuff

# Black Hole (impression)

