

Novae as supersoft X-ray sources in Andromeda

Martin Henze



Novae as supersoft X-ray sources in Andromeda

- The Joy of Painting -

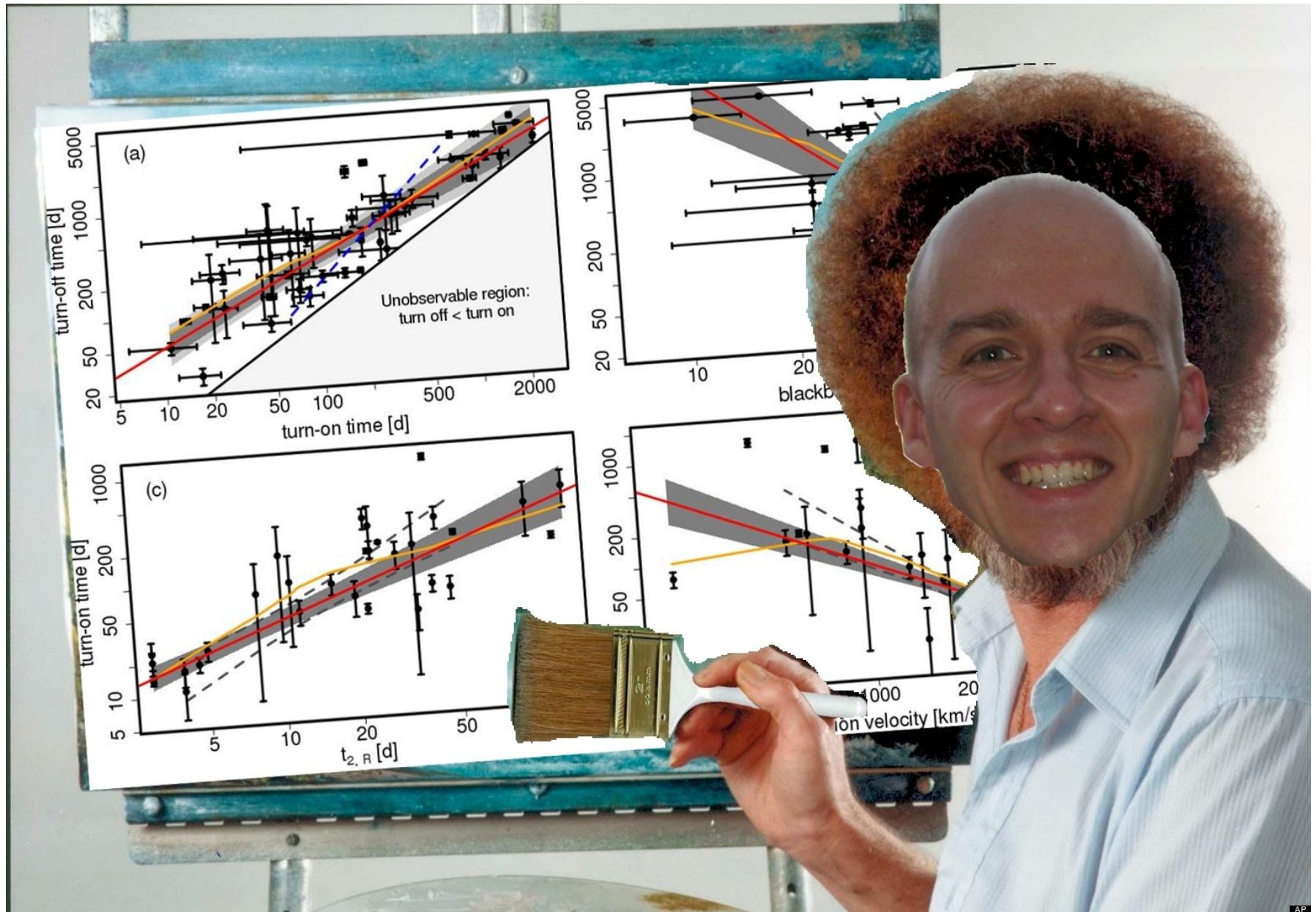
Martin Henze



The real Joy of Painting

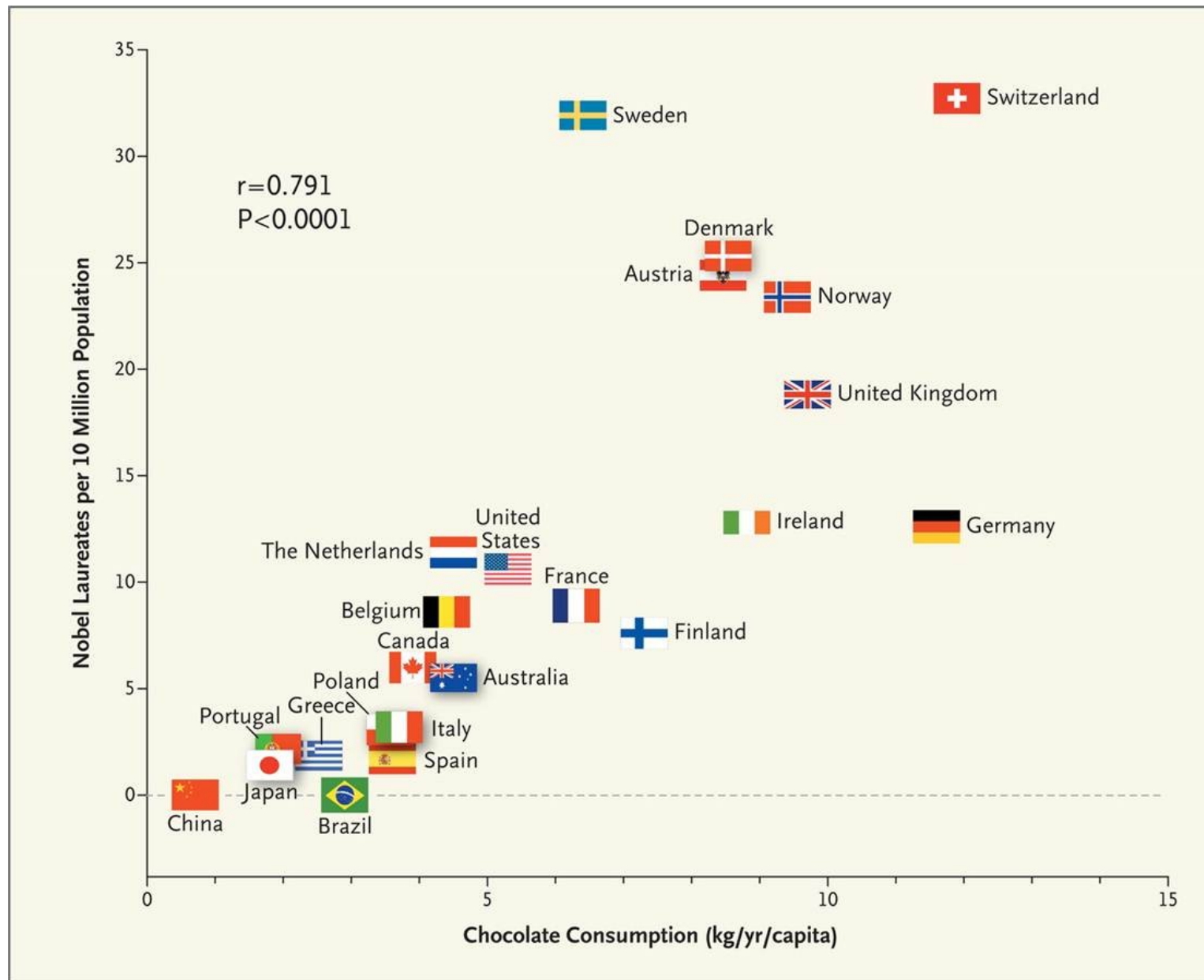


Almost The real Joy of Painting

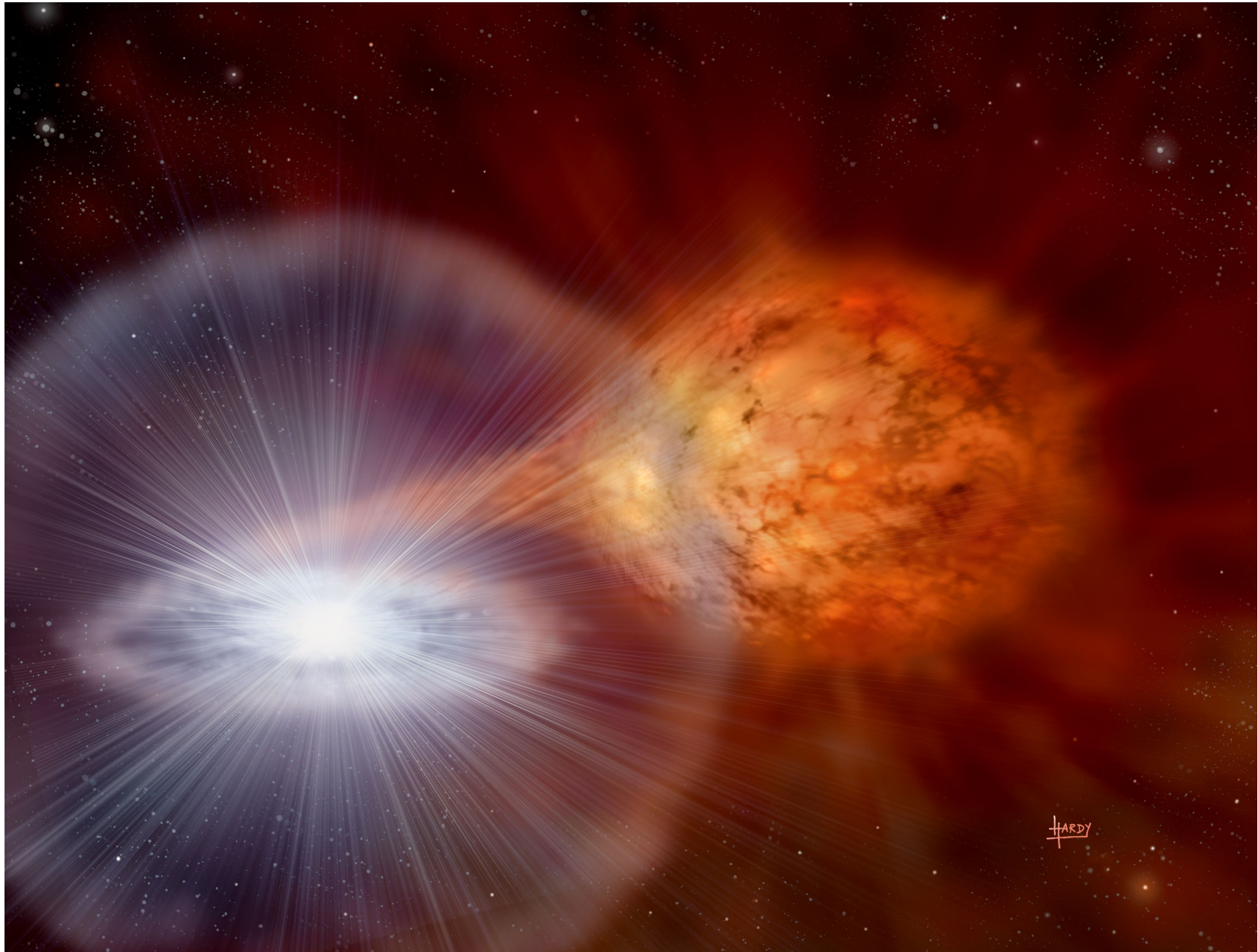


Attention will be rewarded

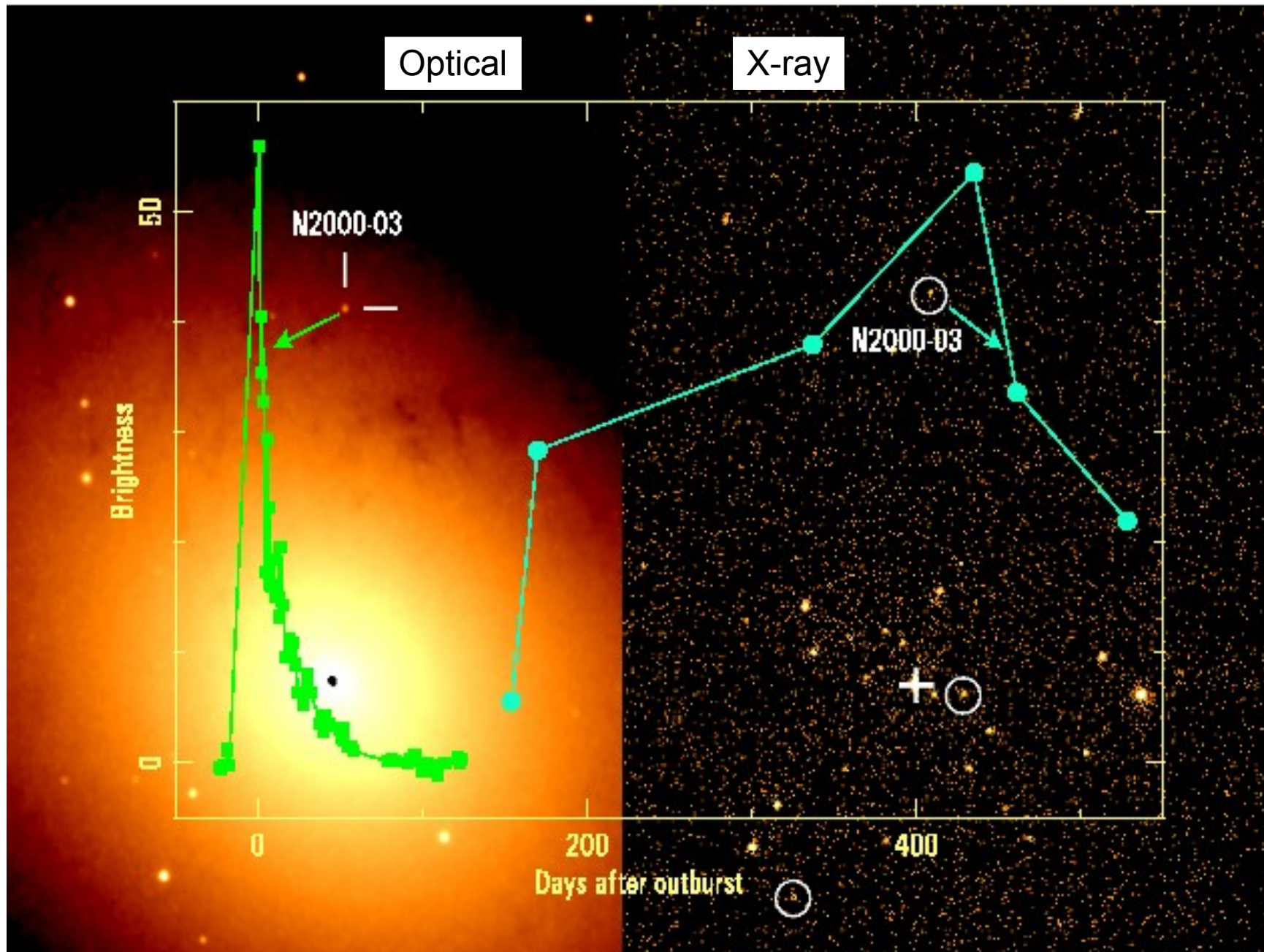
Attention will be rewarded



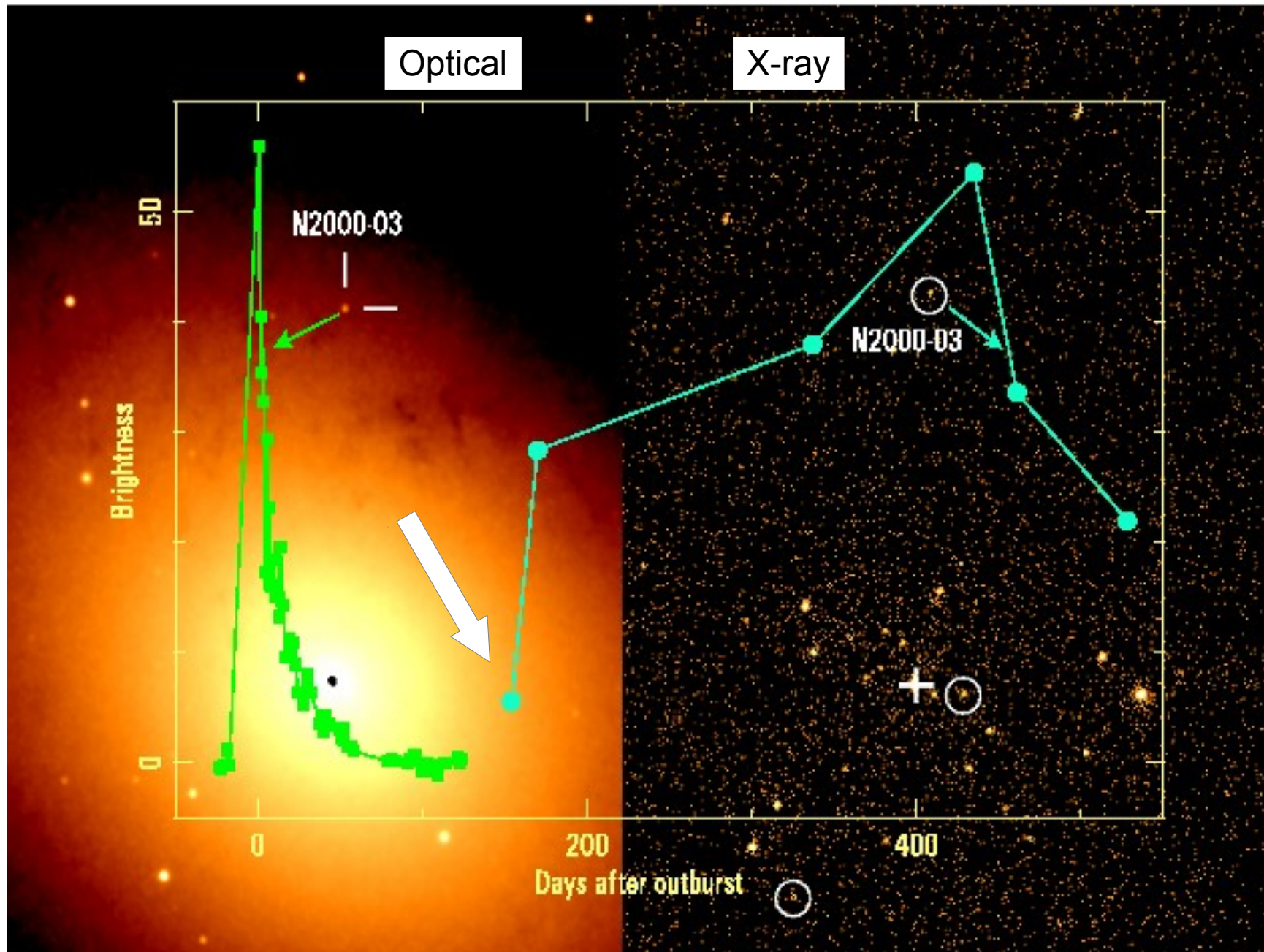
Nova outburst: thermonuclear runaway



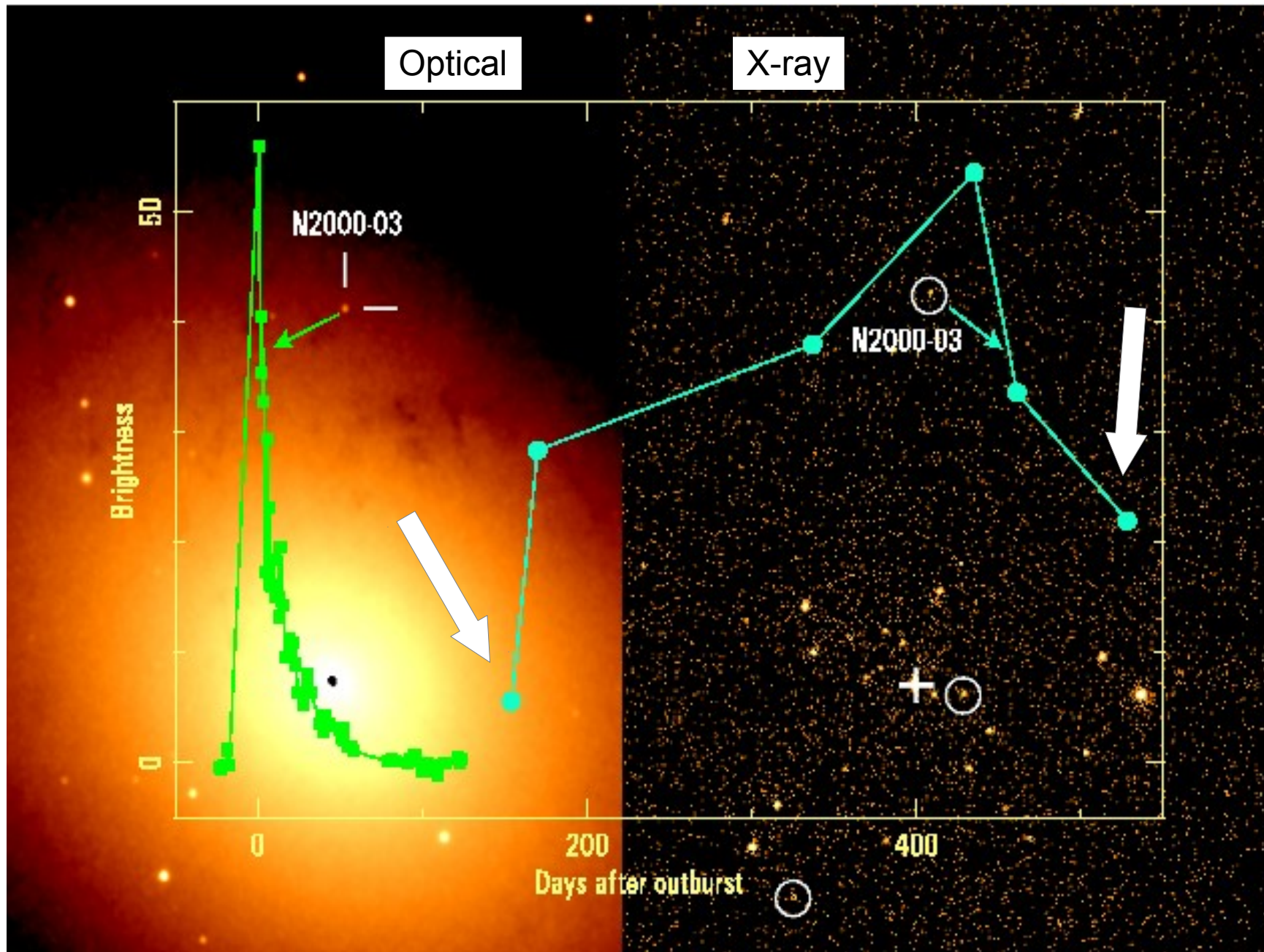
Novae as supersoft X-ray sources



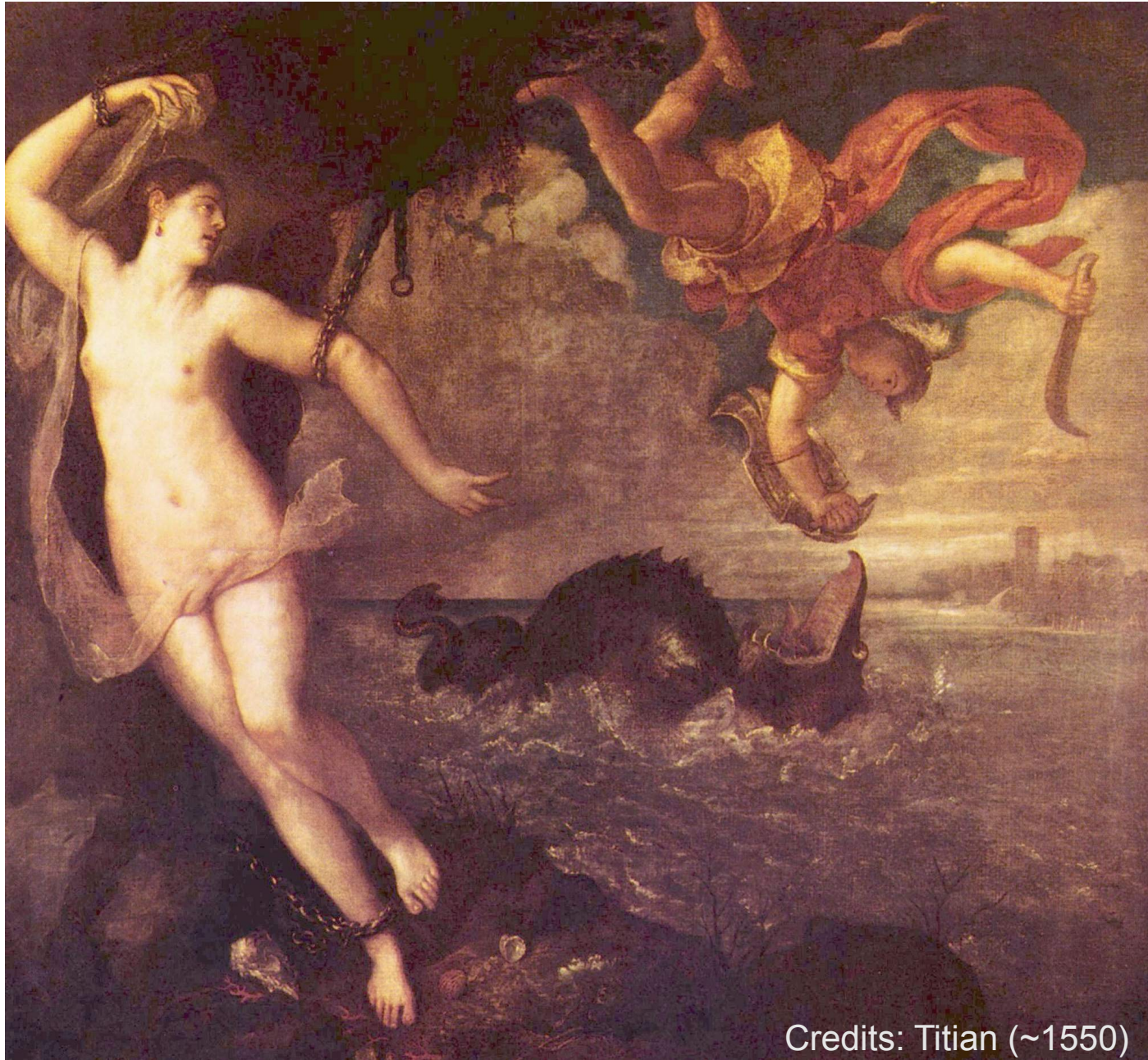
Novae as supersoft X-ray sources



Novae as supersoft X-ray sources

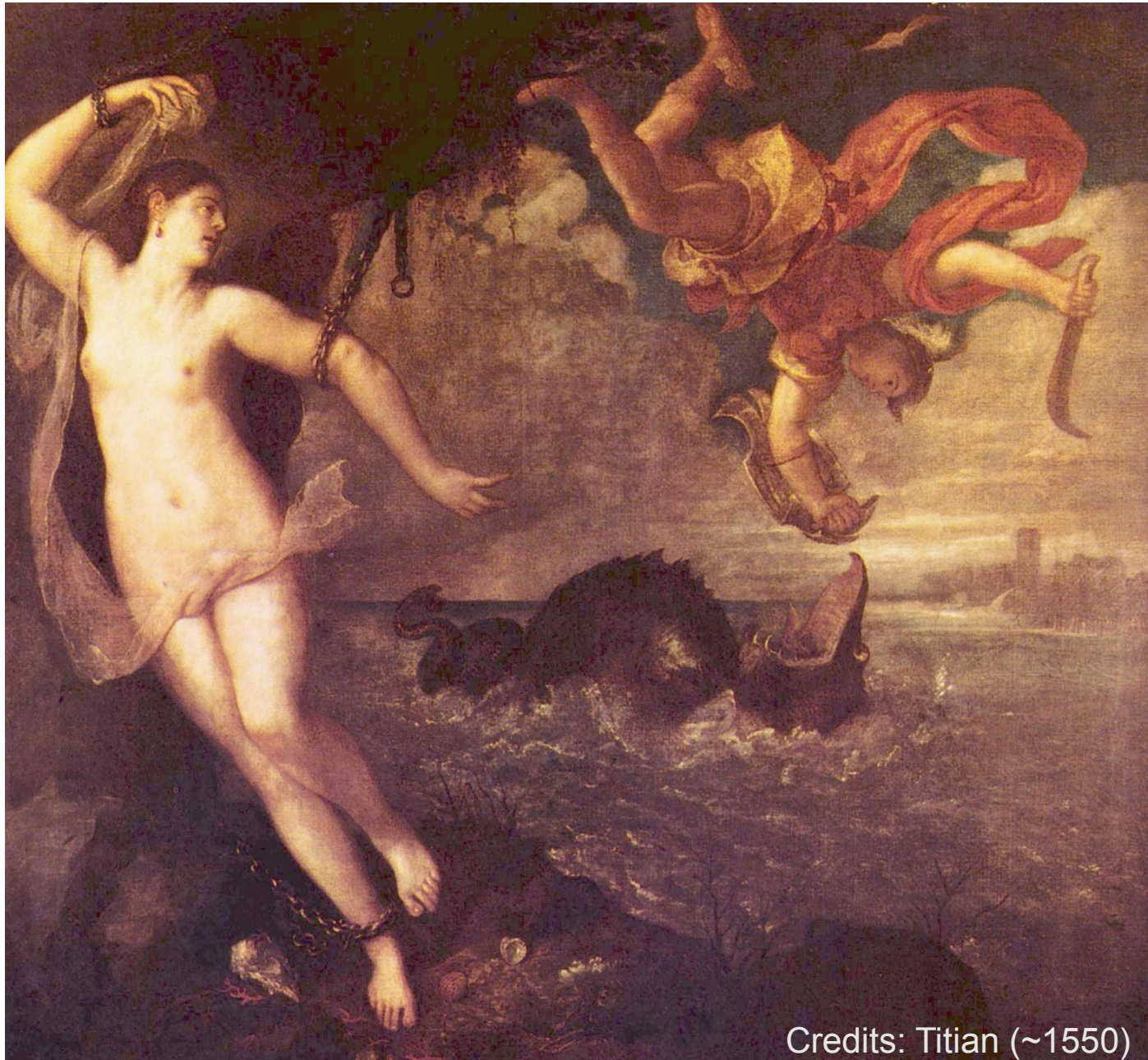


Introducing Andromeda



Credits: Titian (~1550)

Introducing Andromeda



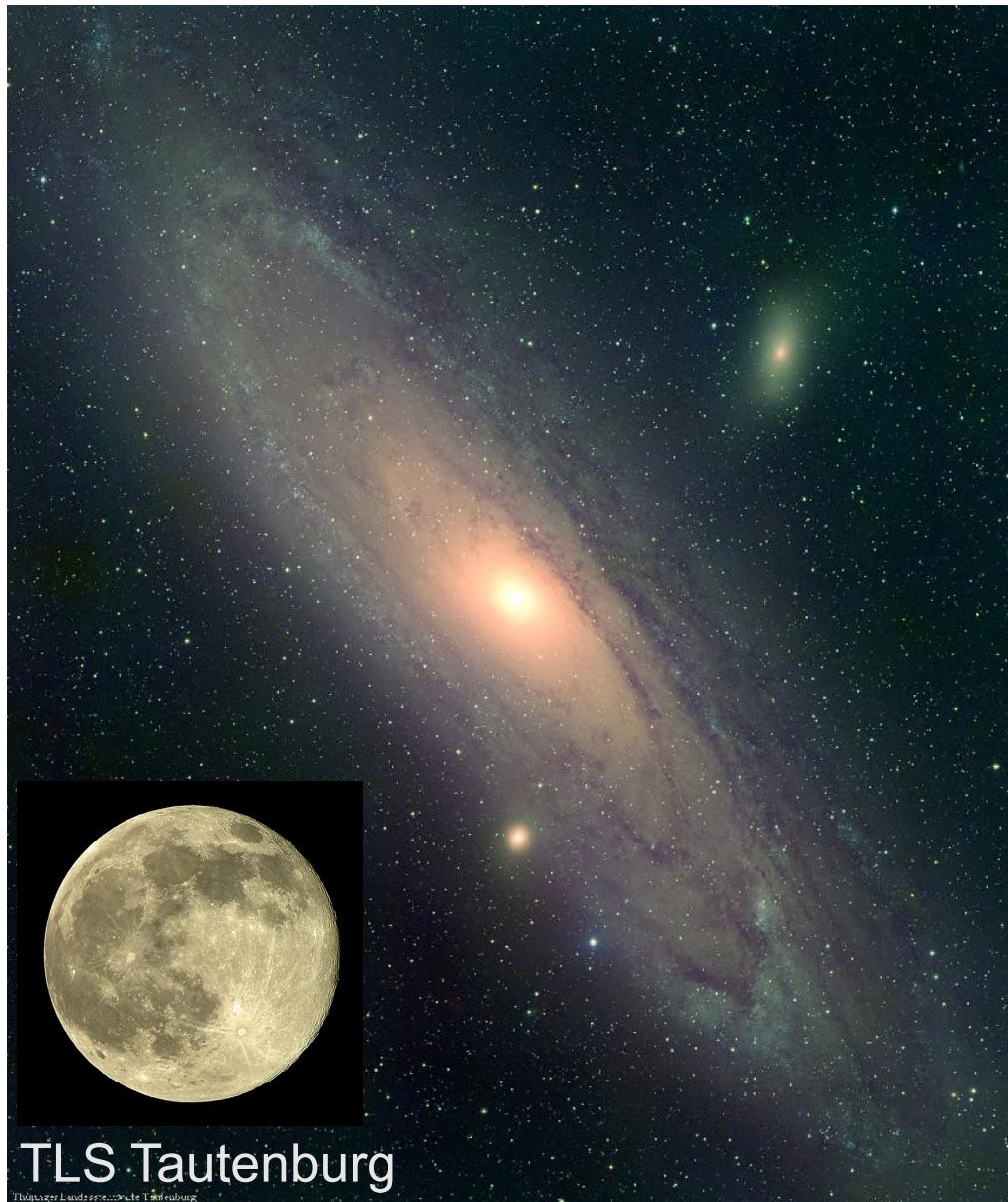
*Artist's
impression*

Credits: Titian (~1550)

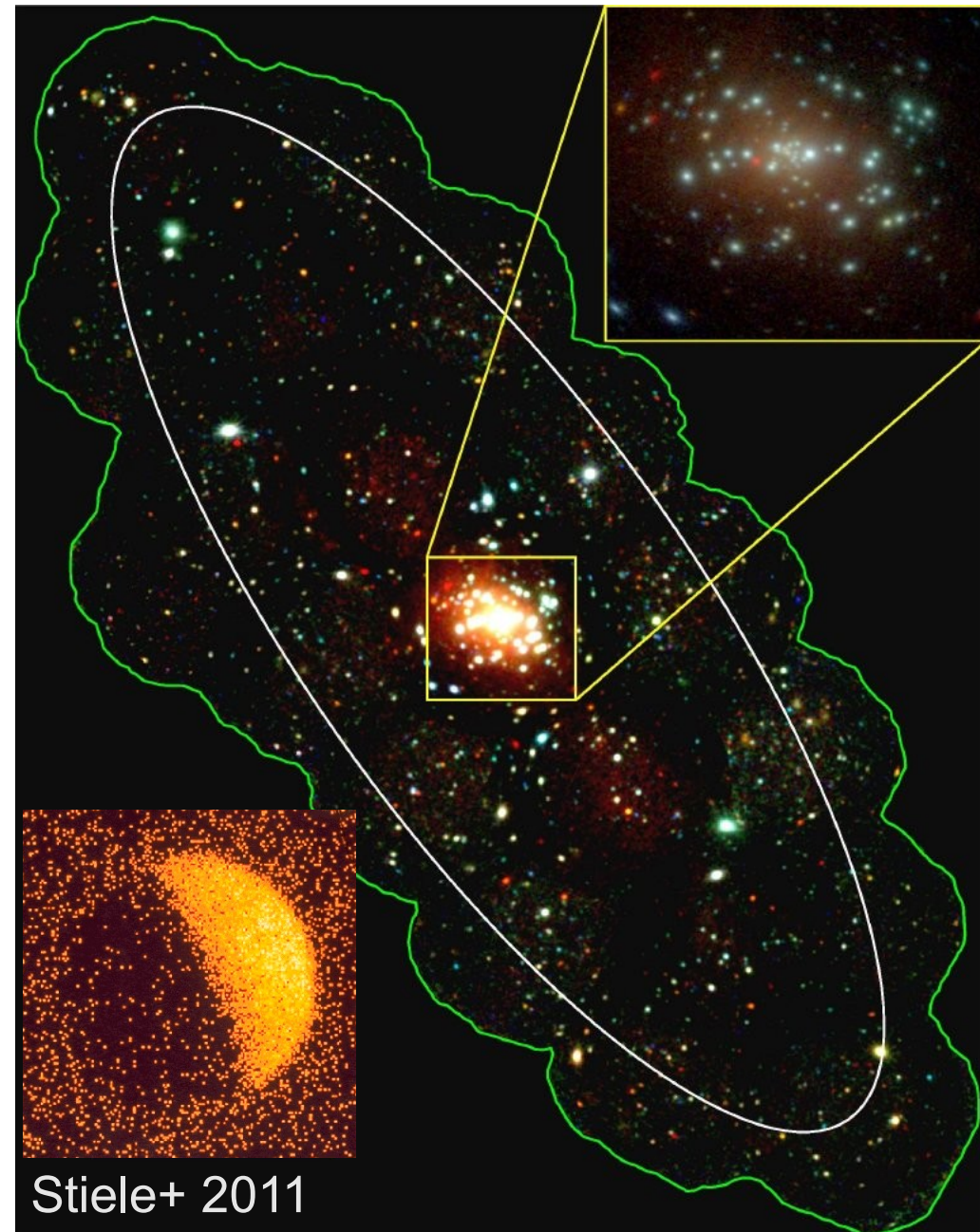
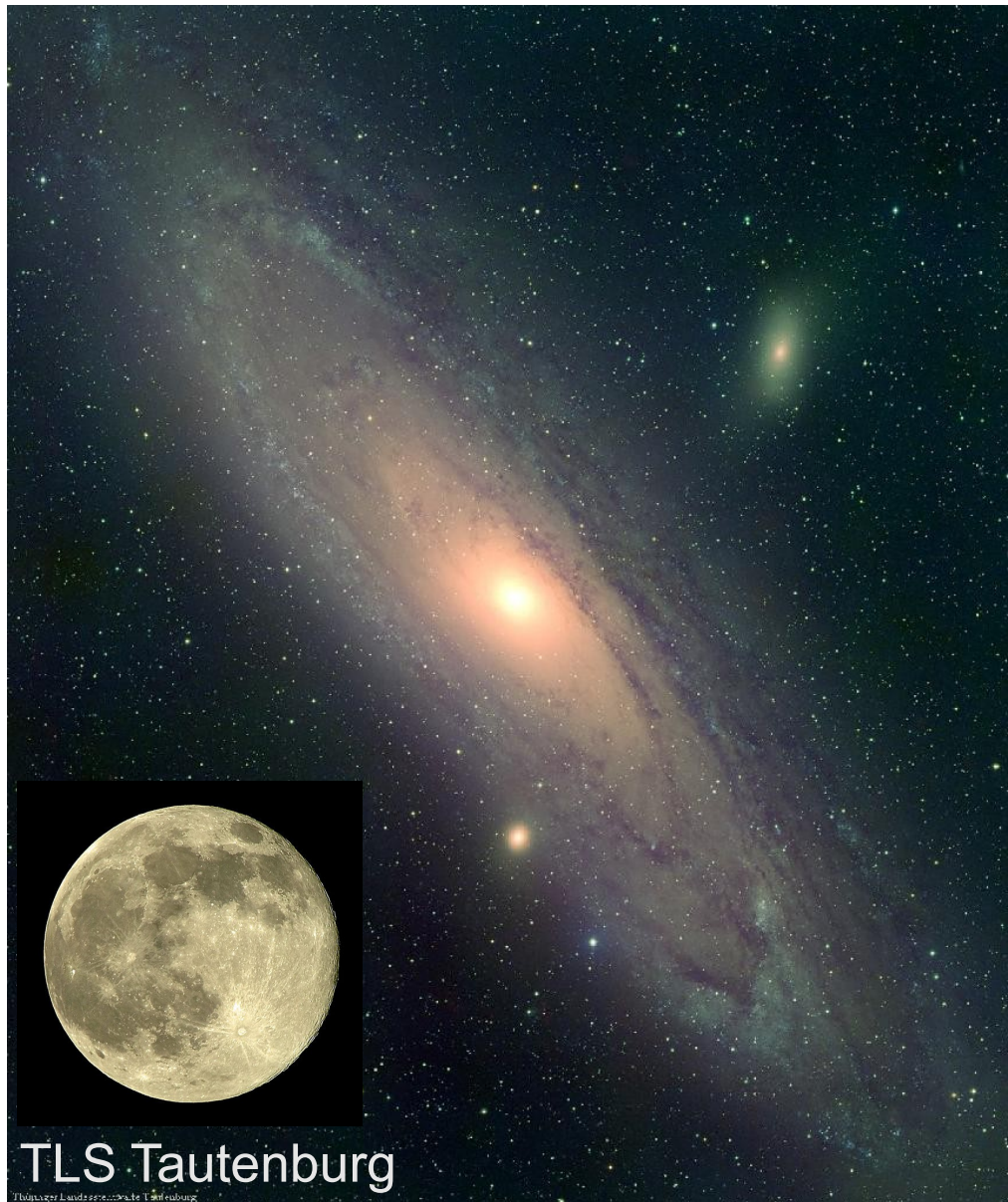
Introducing Andromeda



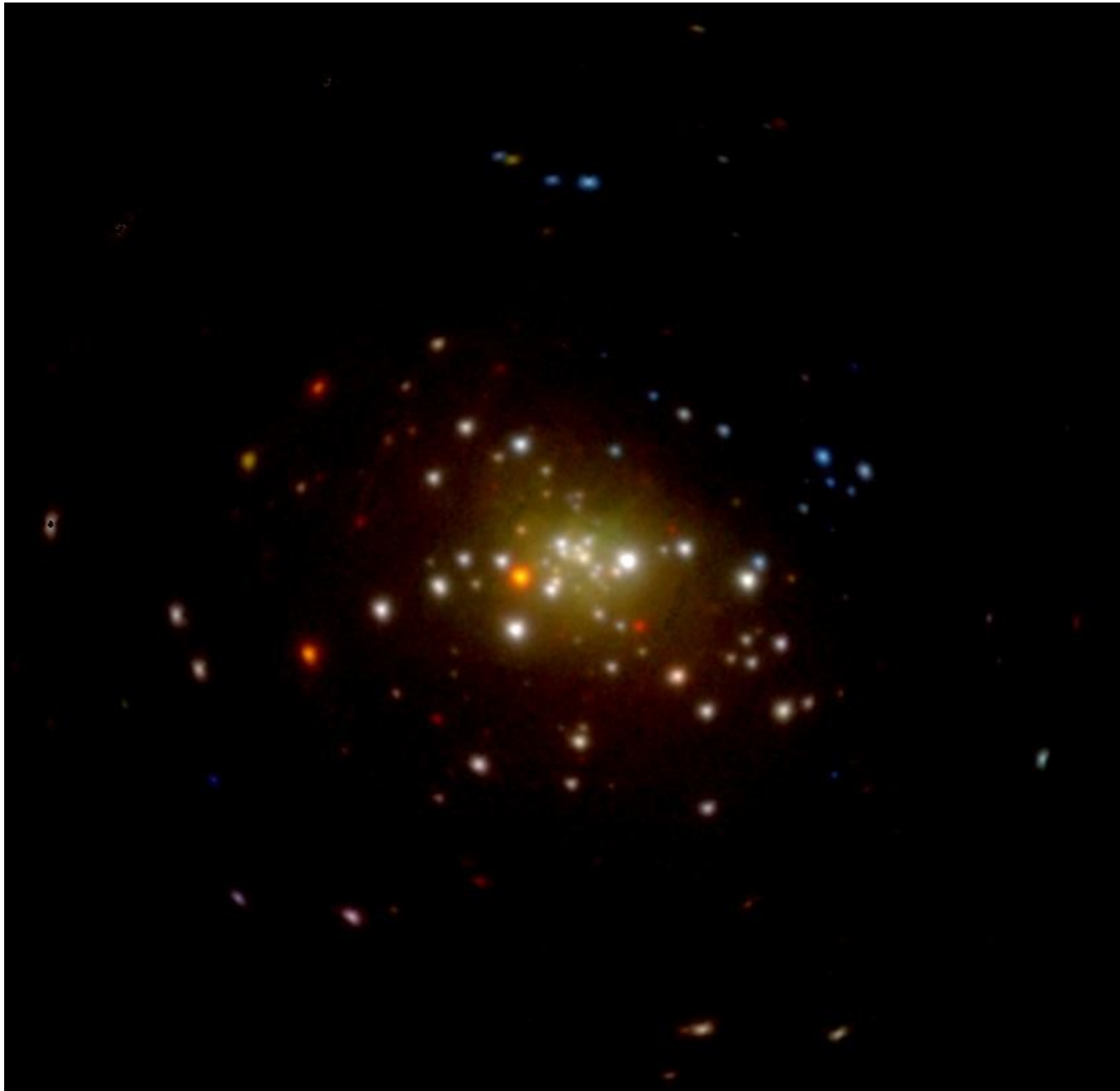
Introducing Andromeda



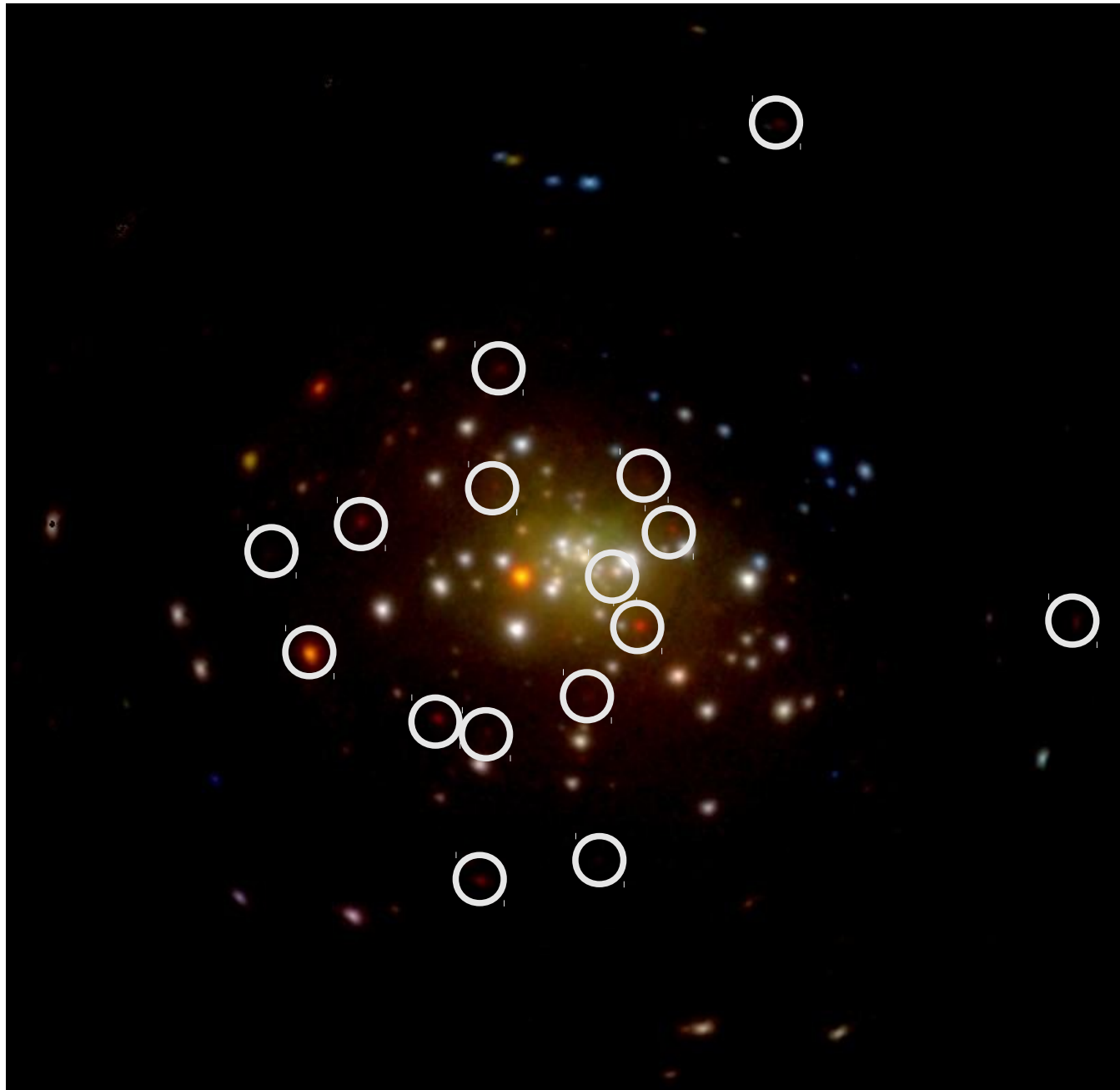
Introducing Andromeda



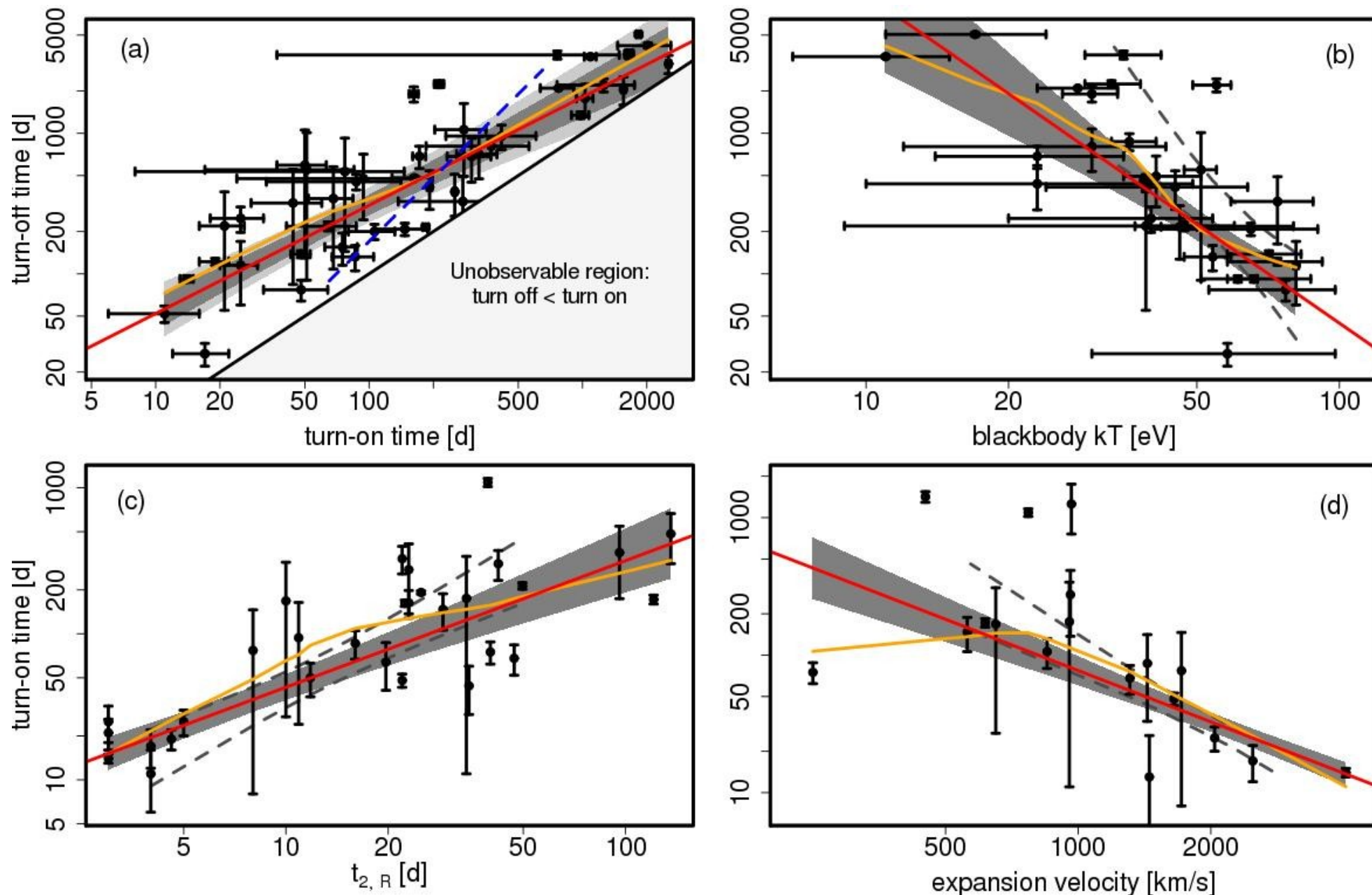
X-ray monitoring of the M31 central region



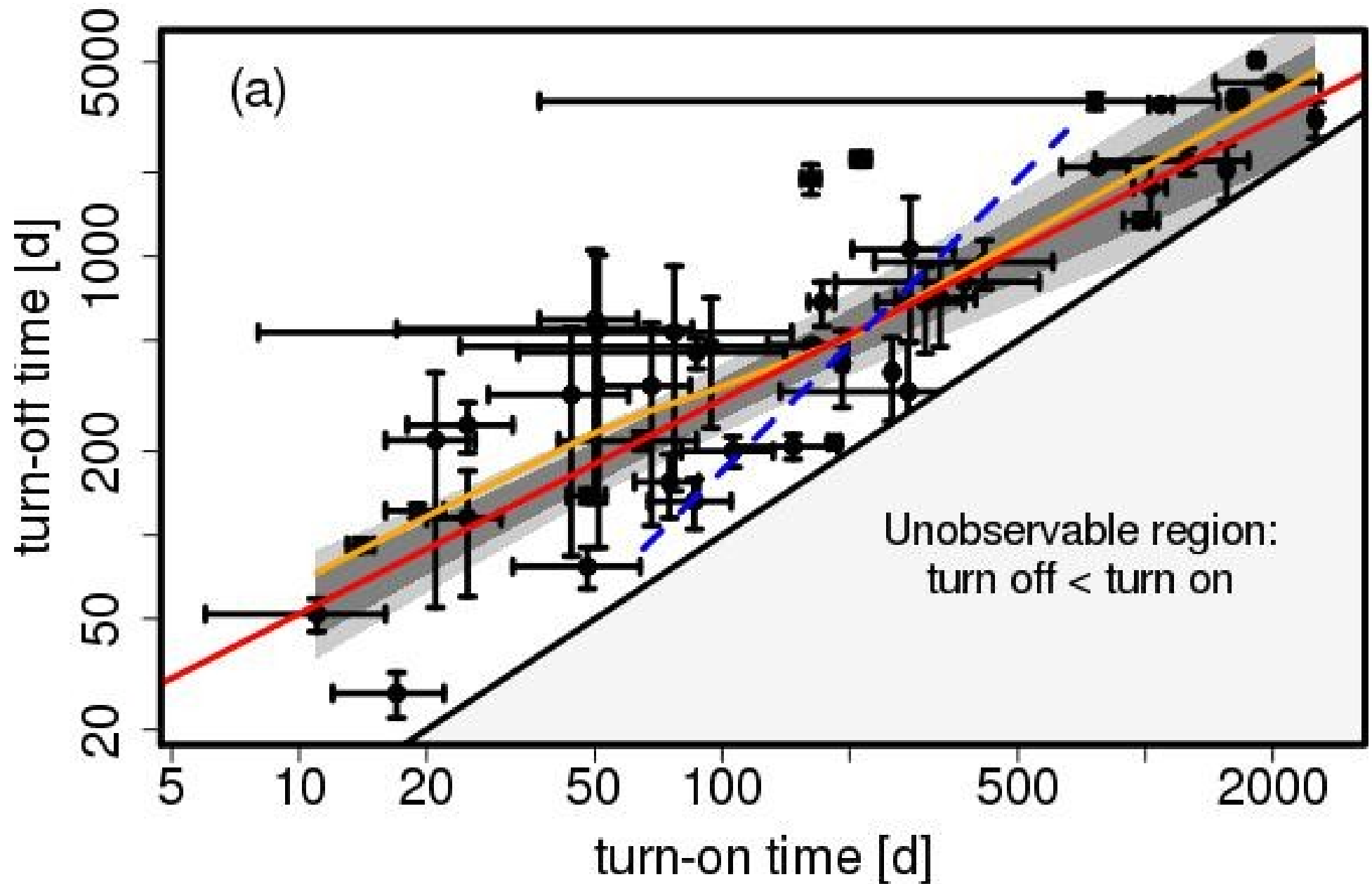
X-ray monitoring of the M31 central region



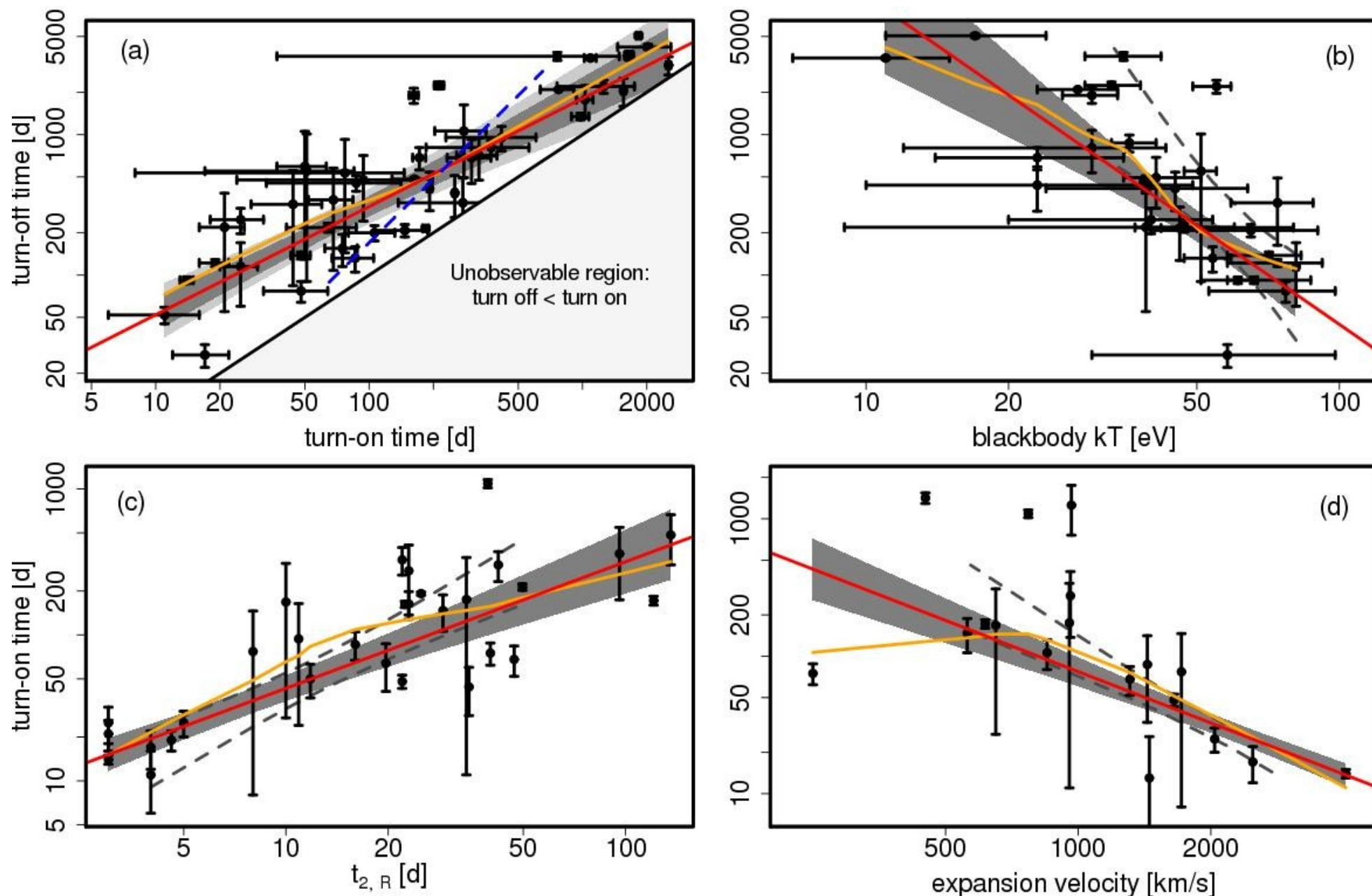
The Joy of Painting the big picture: Correlations



The Joy of Painting the big picture: Correlations



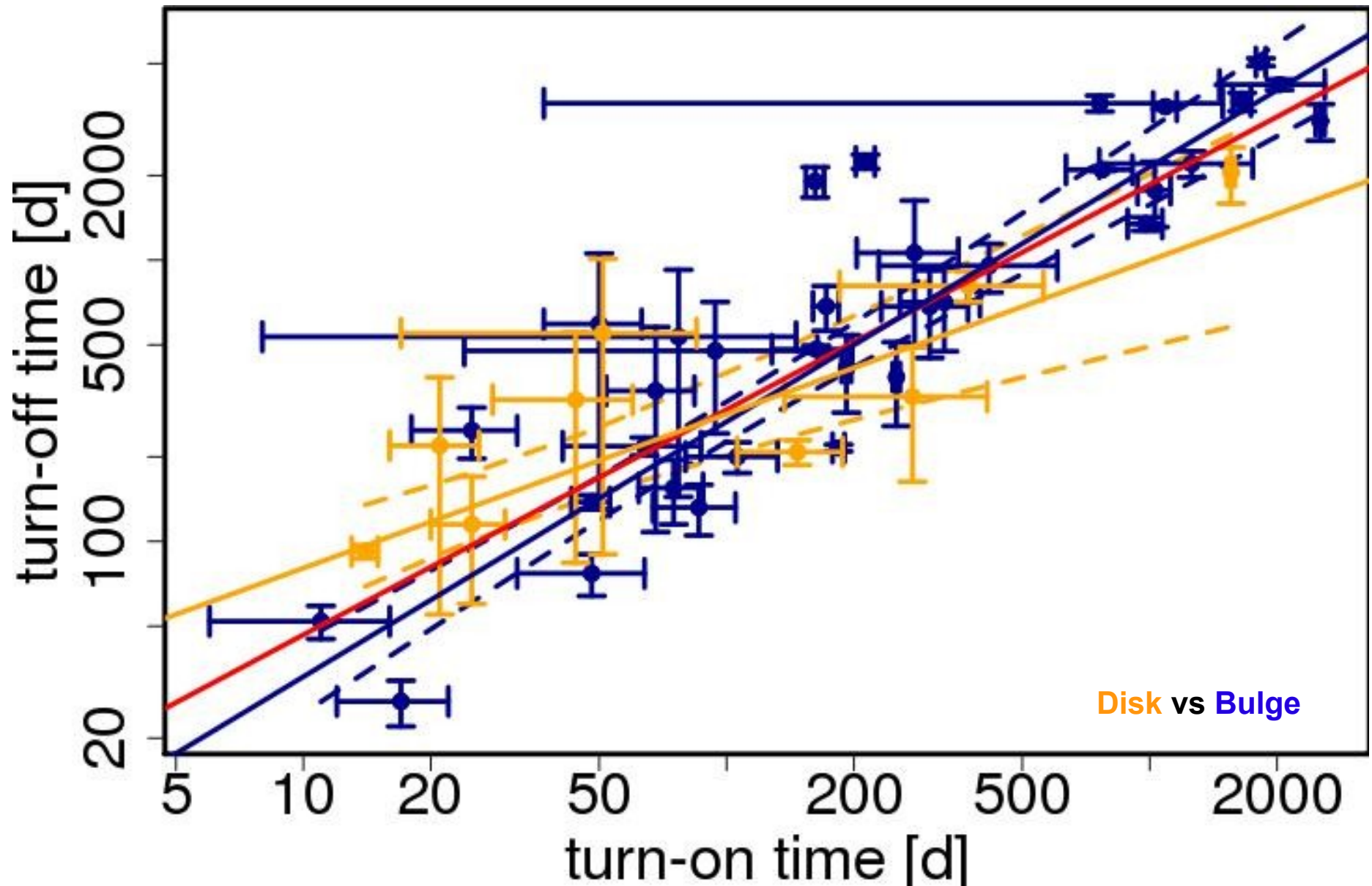
The Joy of Painting the big picture: Correlations



The intricate details (case in point)



The intricate details: nova populations



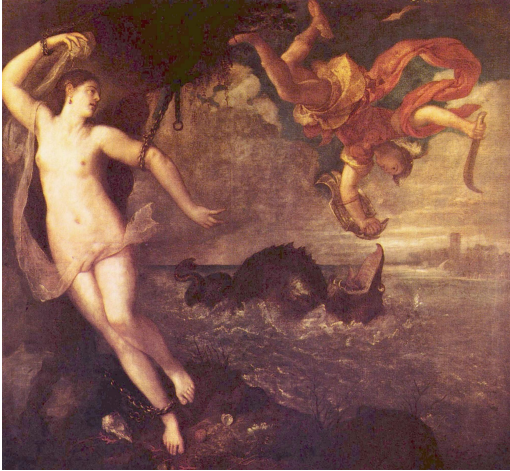
Questions?

Questions!

Question Time: The Joy of Chocolate

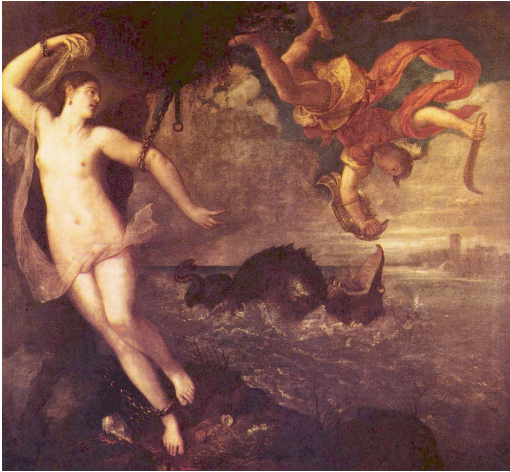
Question Time: The Joy of Chocolate

a) Young lady's name?

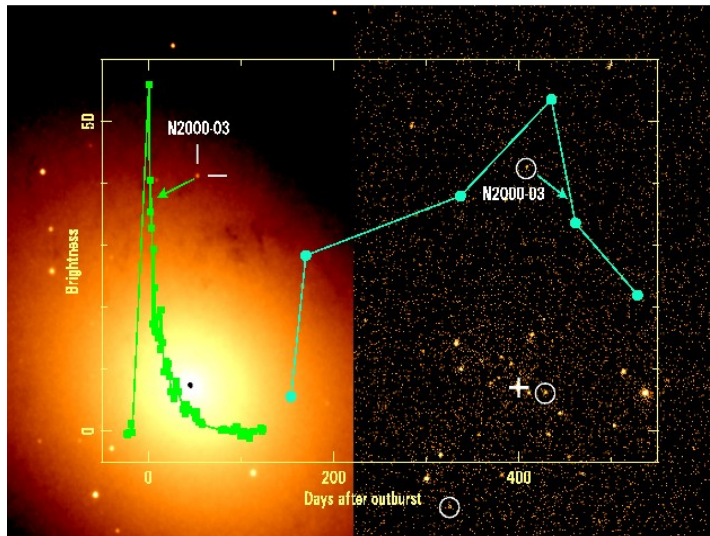


Question Time: The Joy of Chocolate

a) Young lady's name?

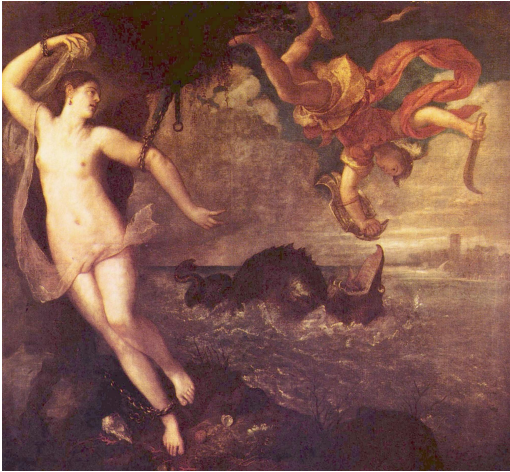


b) Why X-rays so important for nova science?



Question Time: The Joy of Chocolate

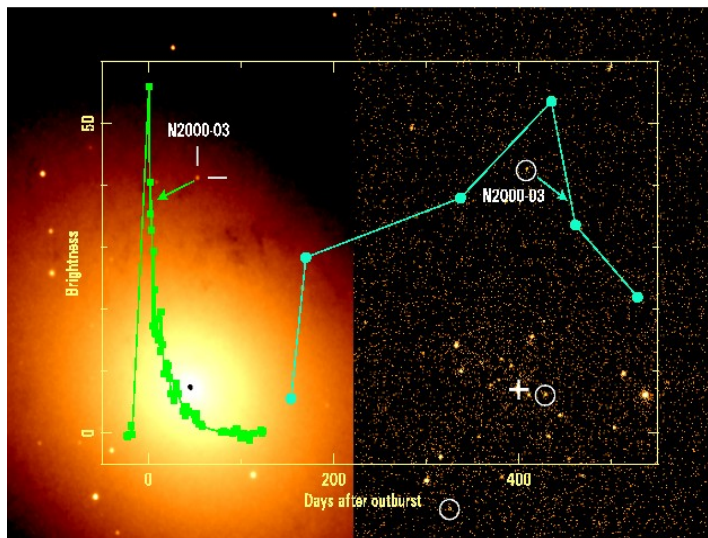
a) Young lady's name?



c) Which artist?

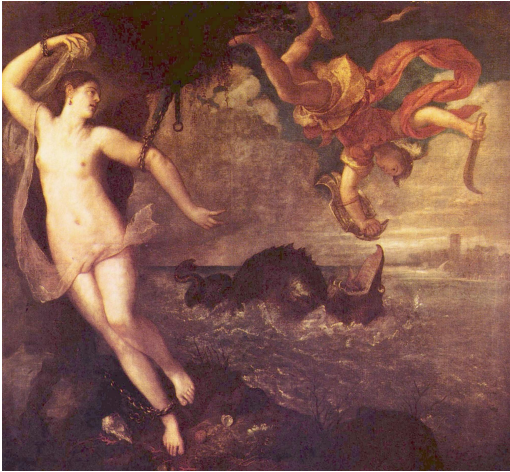


b) Why X-rays so important for nova science?



Question Time: The Joy of Chocolate

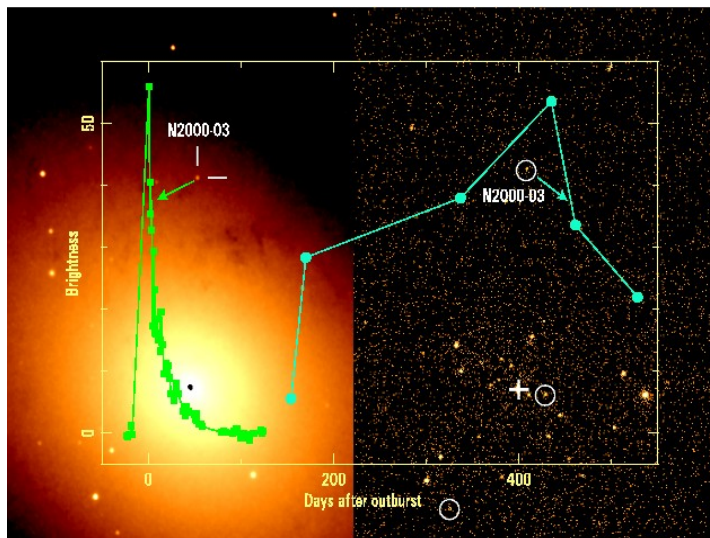
a) Young lady's name?



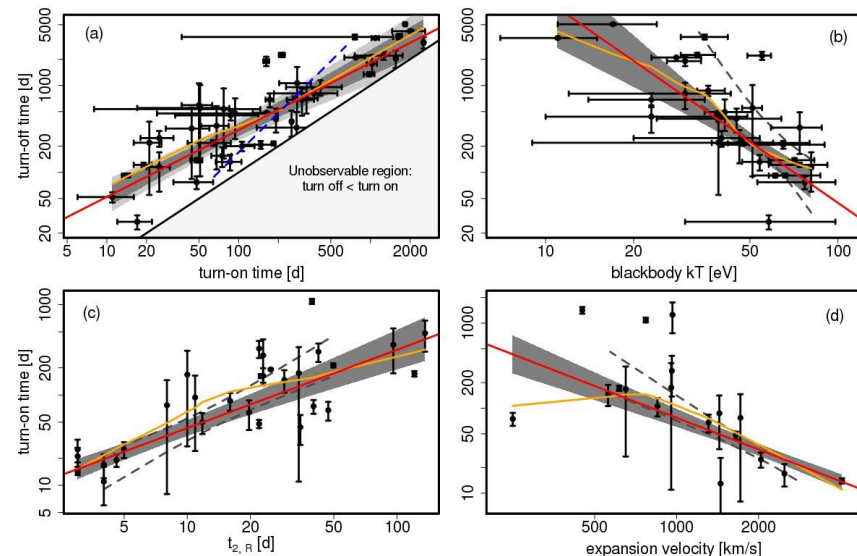
c) Which artist?



b) Why X-rays so important for nova science?



d) Why nova population studies so powerful and valuable?



Question Time: The Joy of Chocolate

a) Young lady's name?



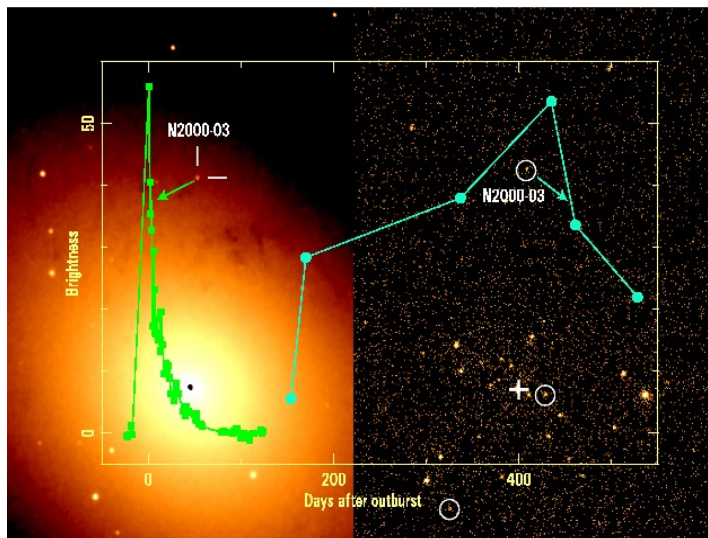
c) Which artist?



e) My name?



b) Why X-rays so important for nova science?



d) Why nova population studies so powerful and valuable?

