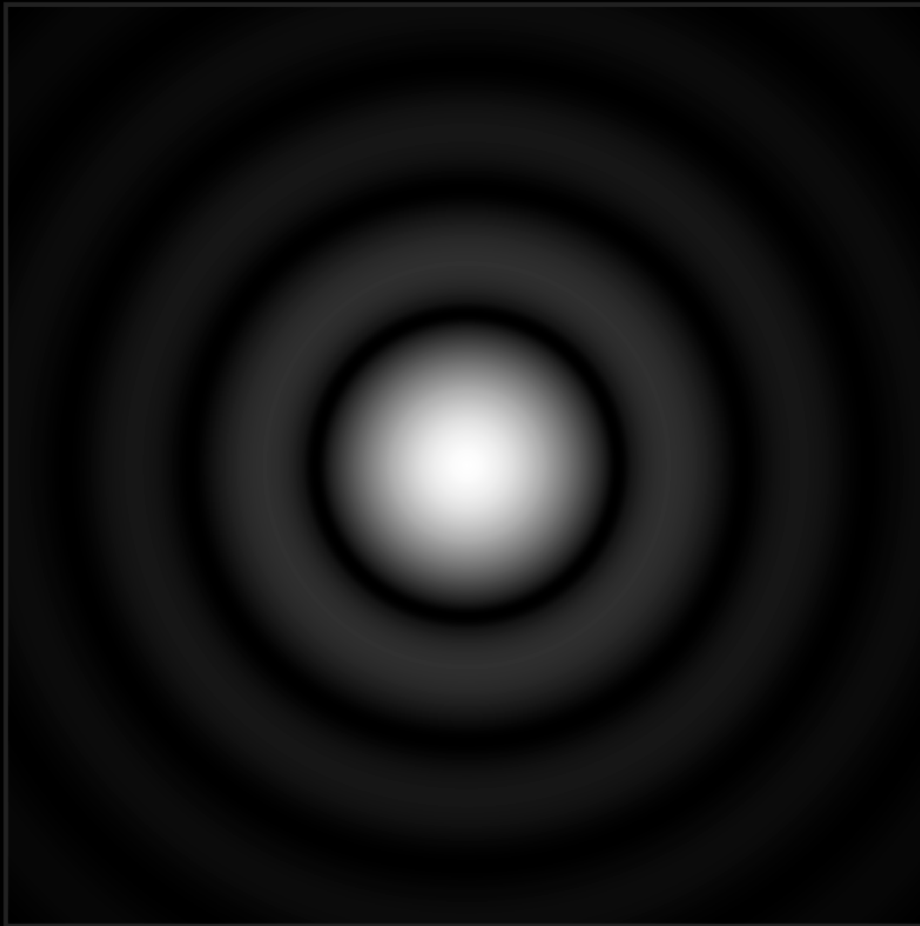
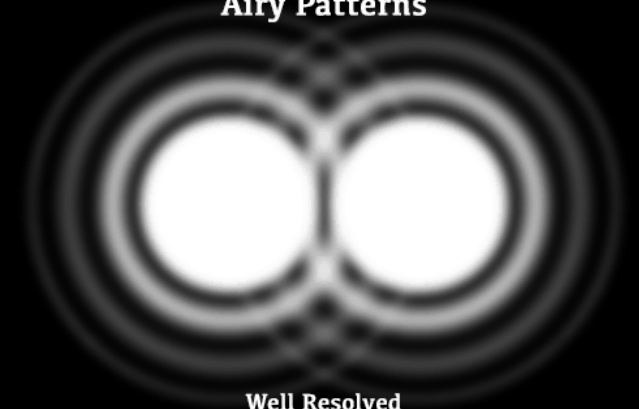


# Telescopes

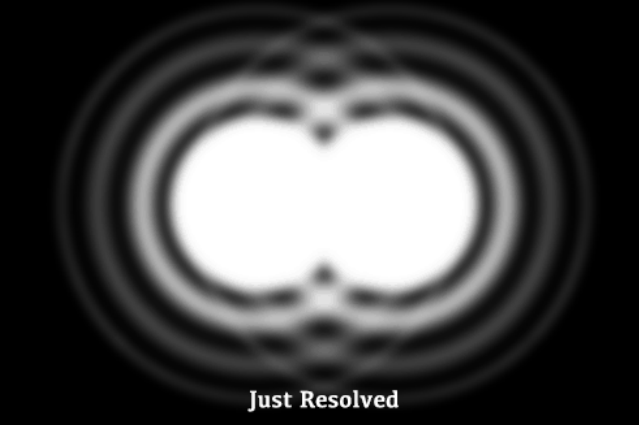
Ay 20, Fall 2019, Lectures 4 and 5  
*Vikram Ravi*



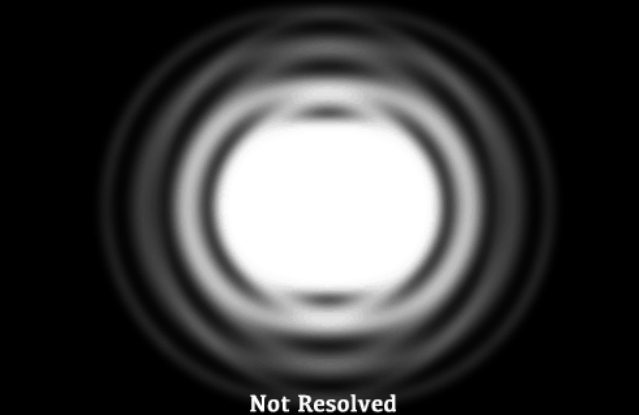
**Airy Patterns**



**Well Resolved**



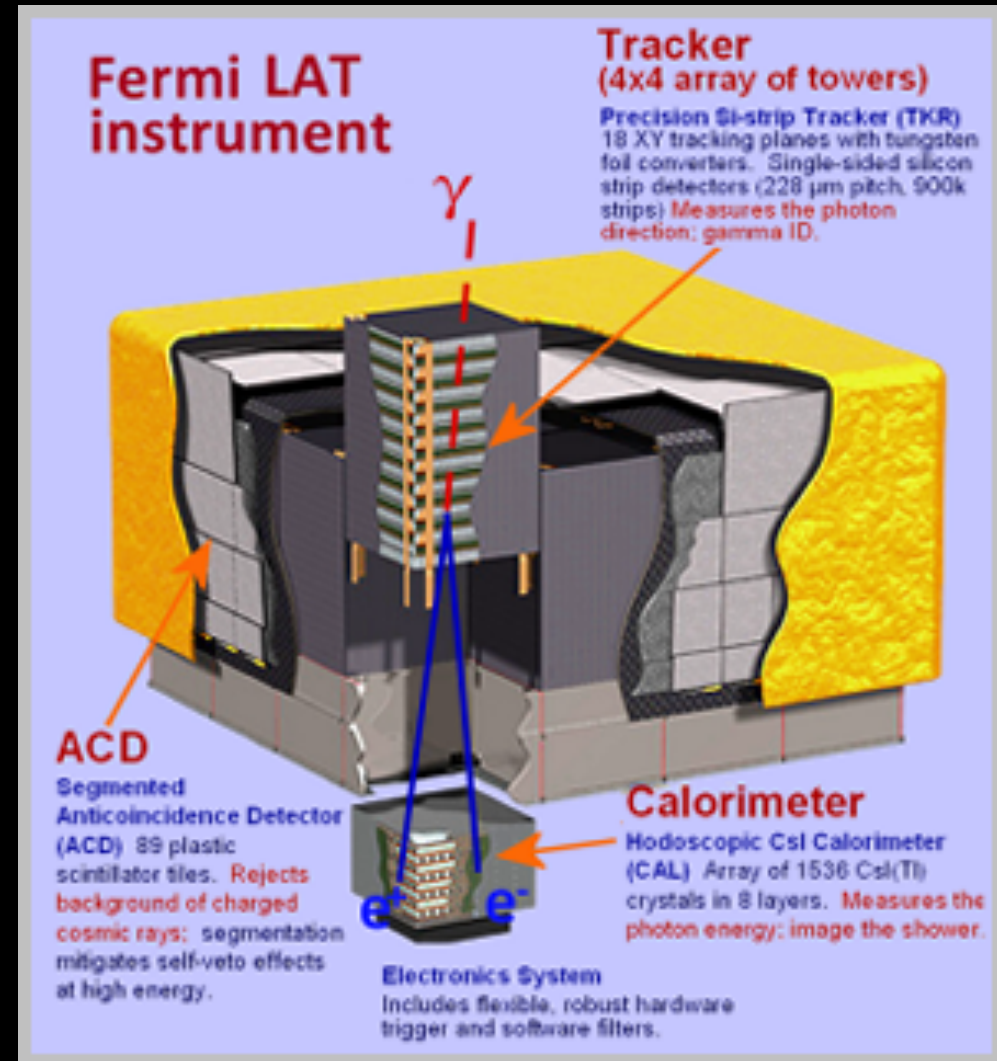
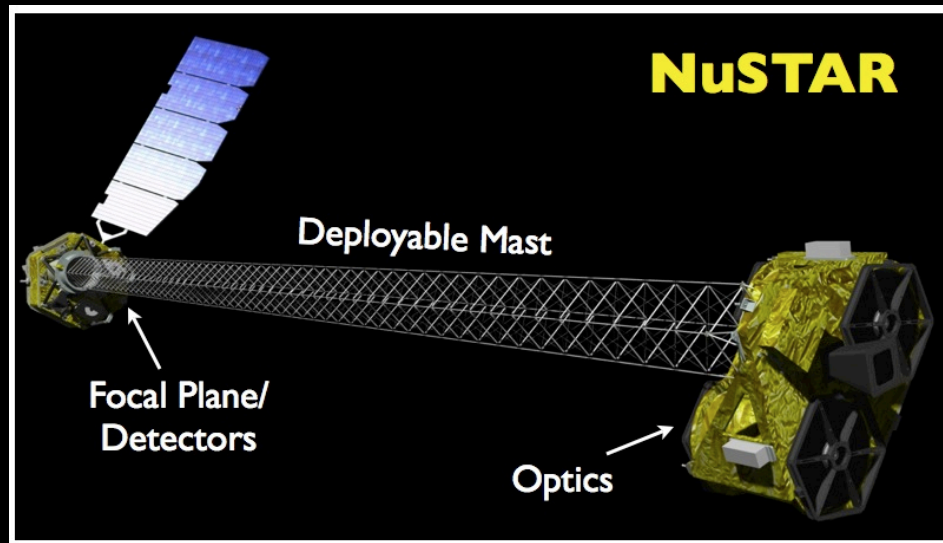
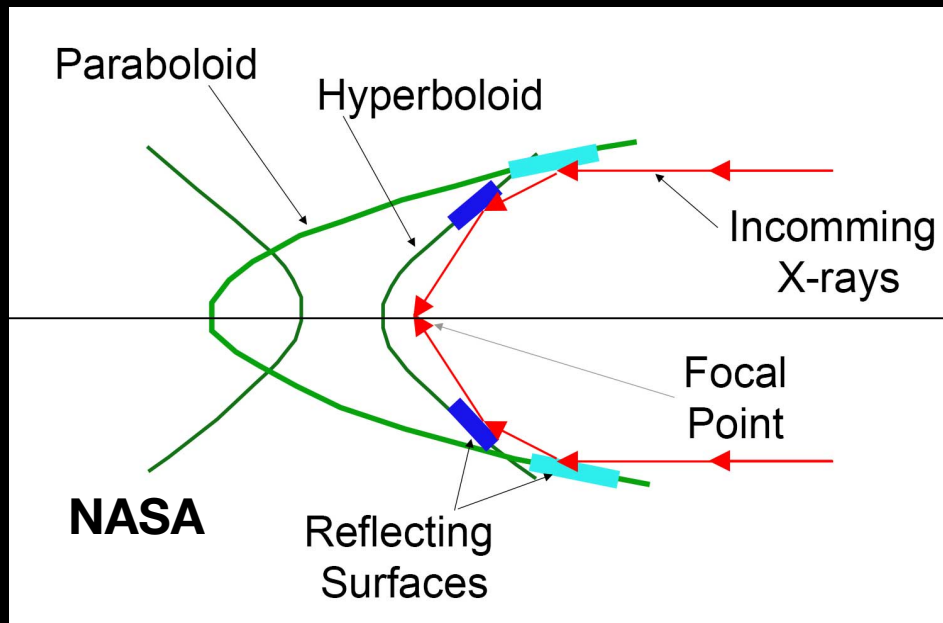
**Just Resolved**

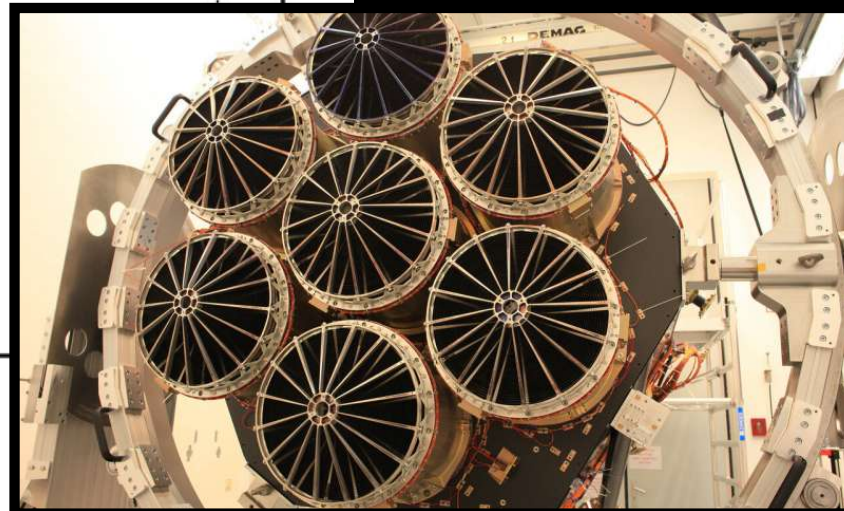
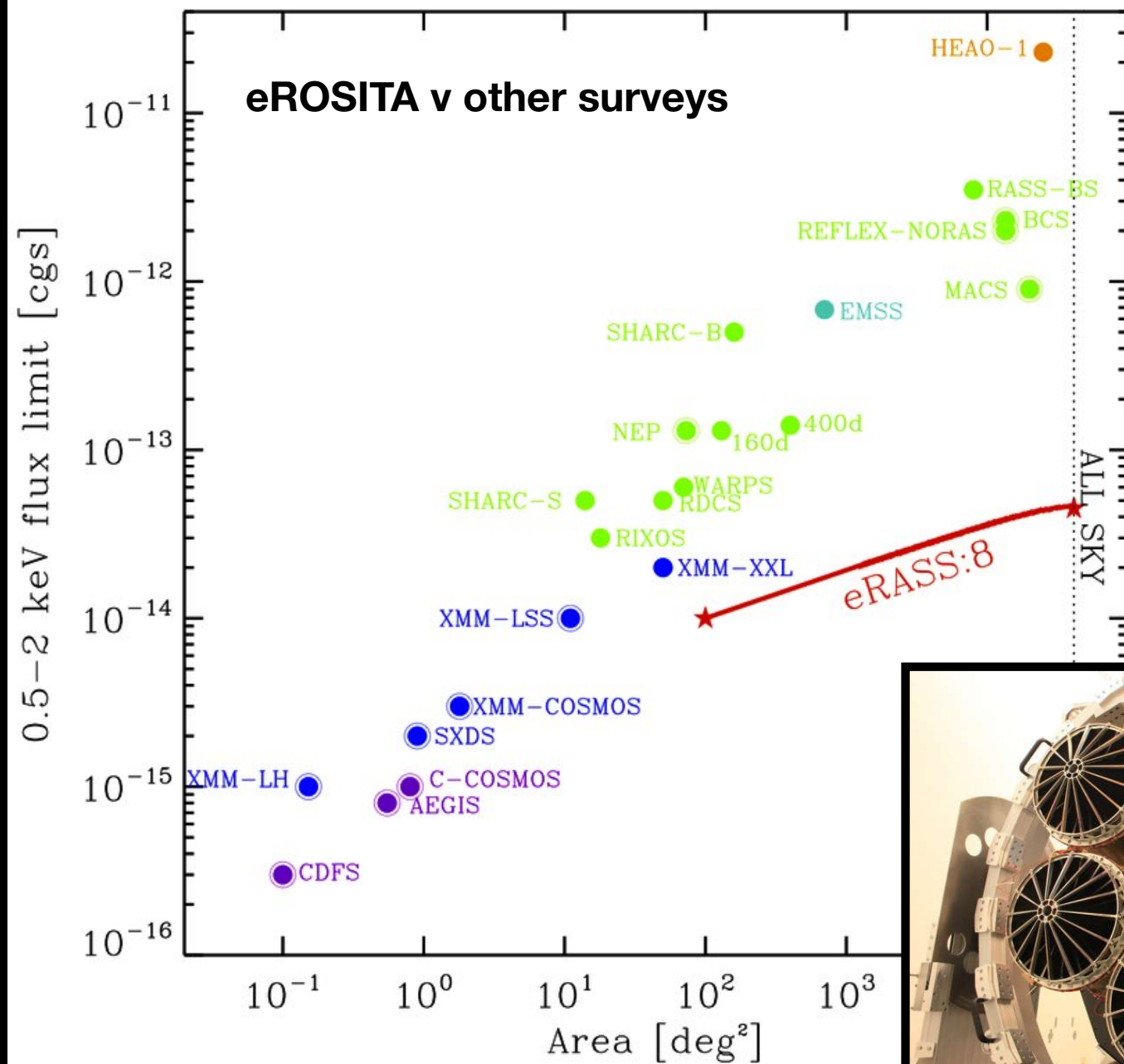


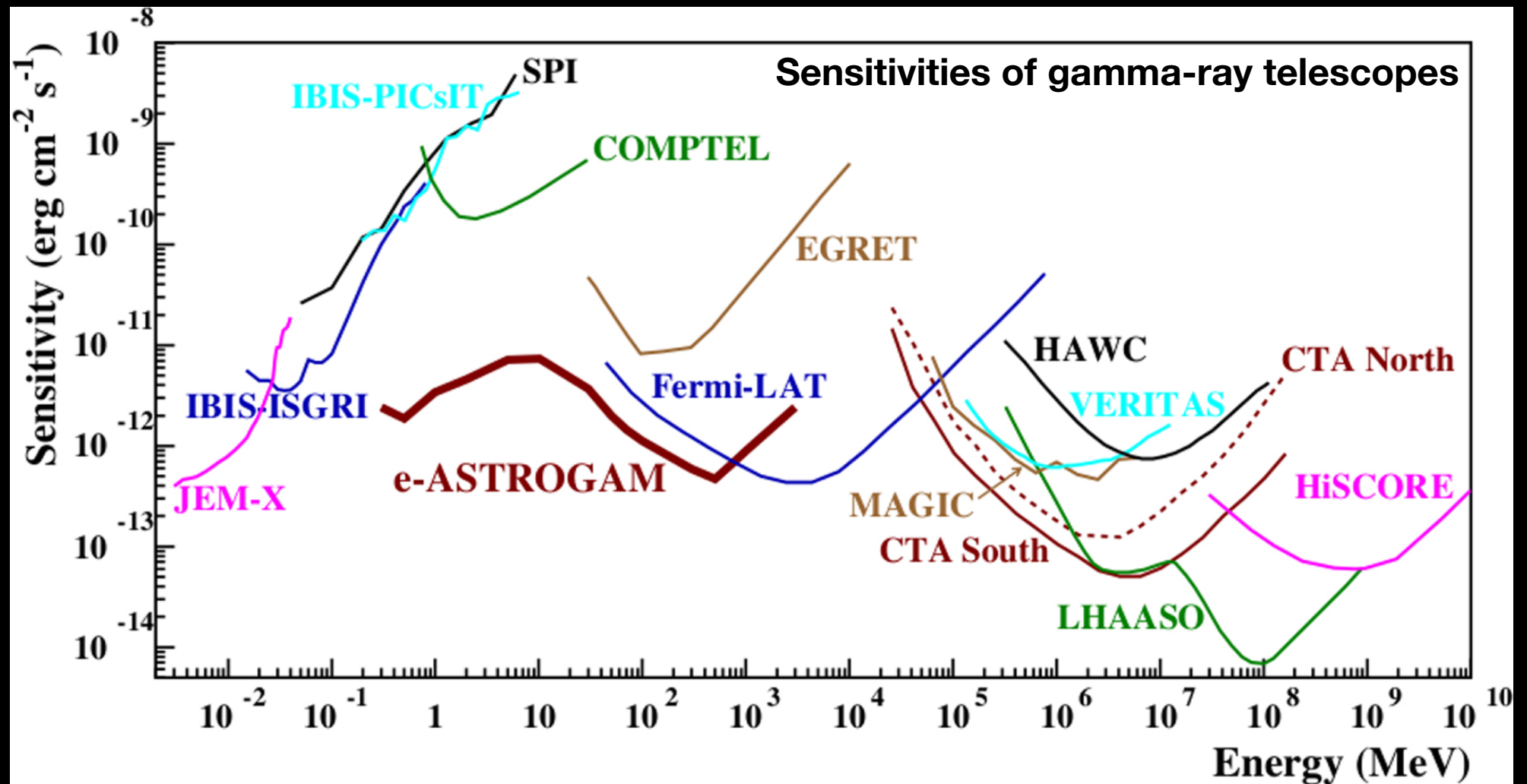
**Not Resolved**

**Fourier series:**  
<https://www.falstad.com/fourier/>

**Wikipedia**

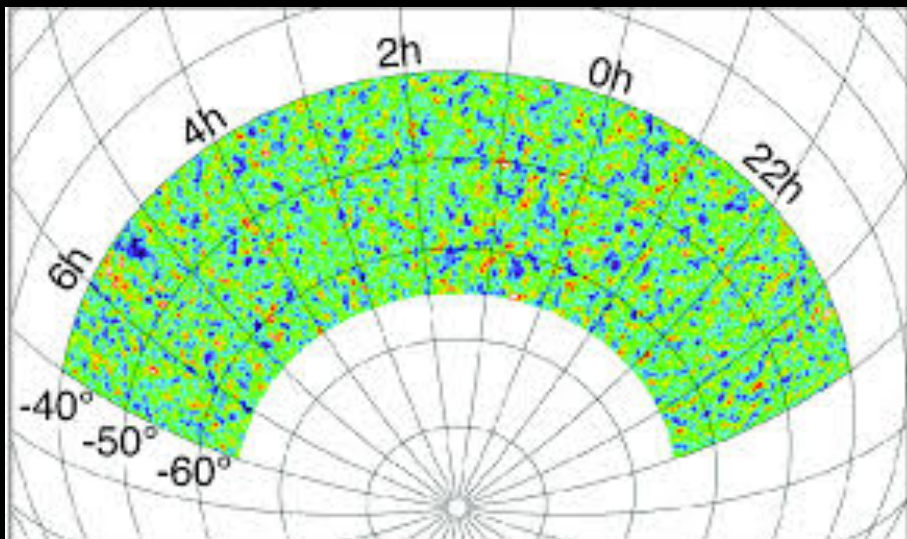
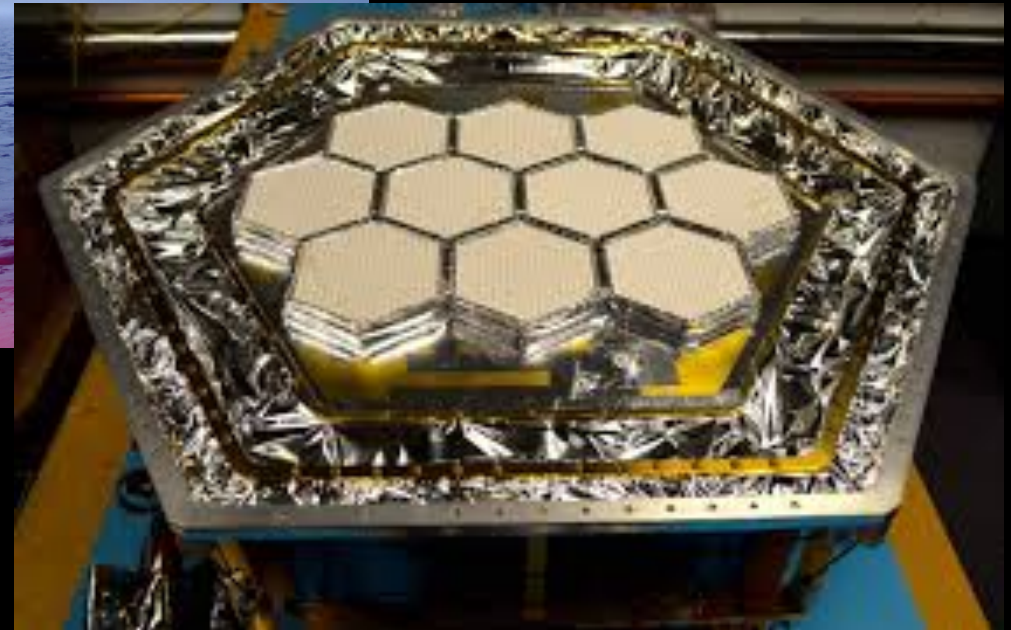




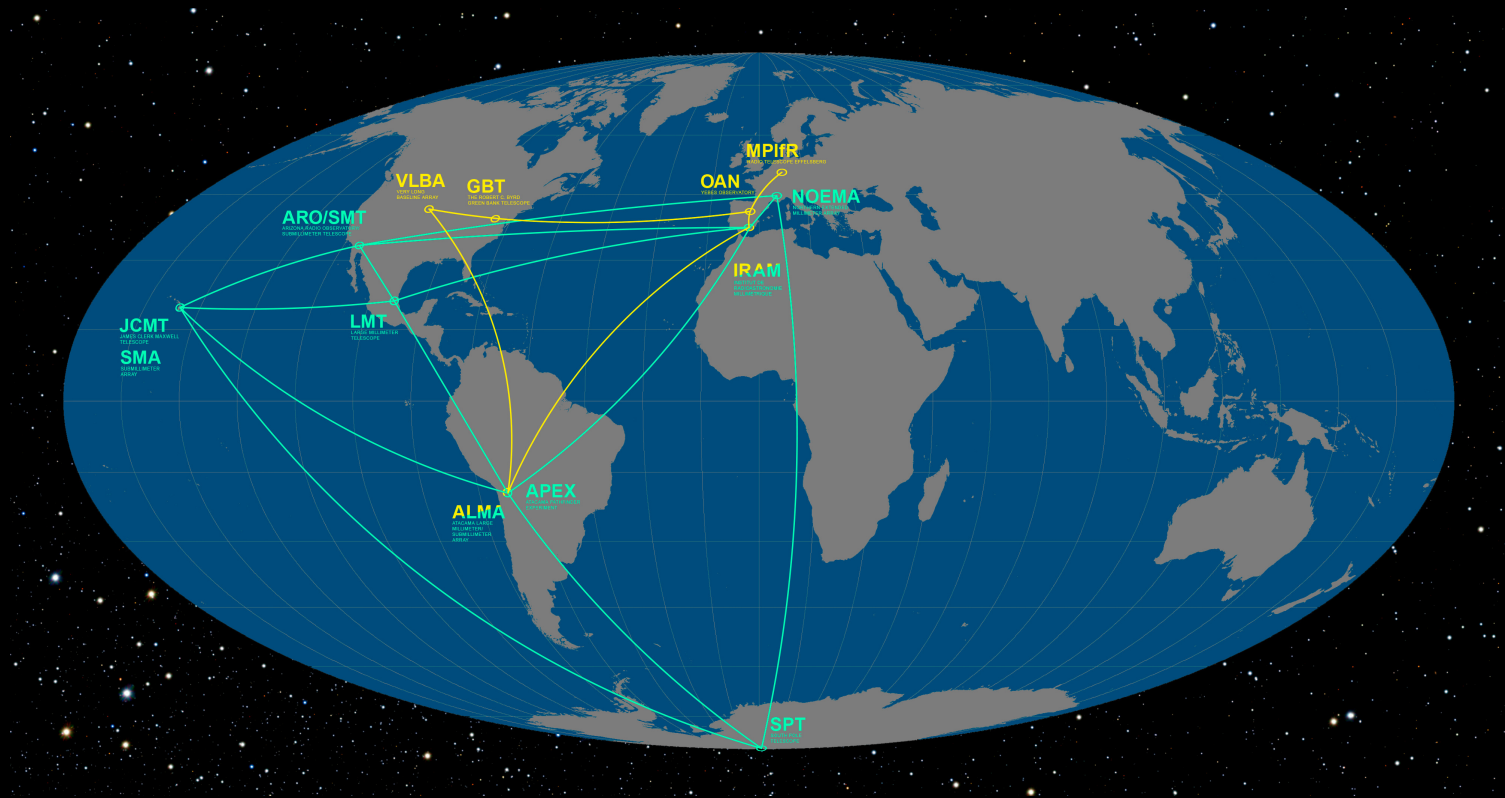


FERMI

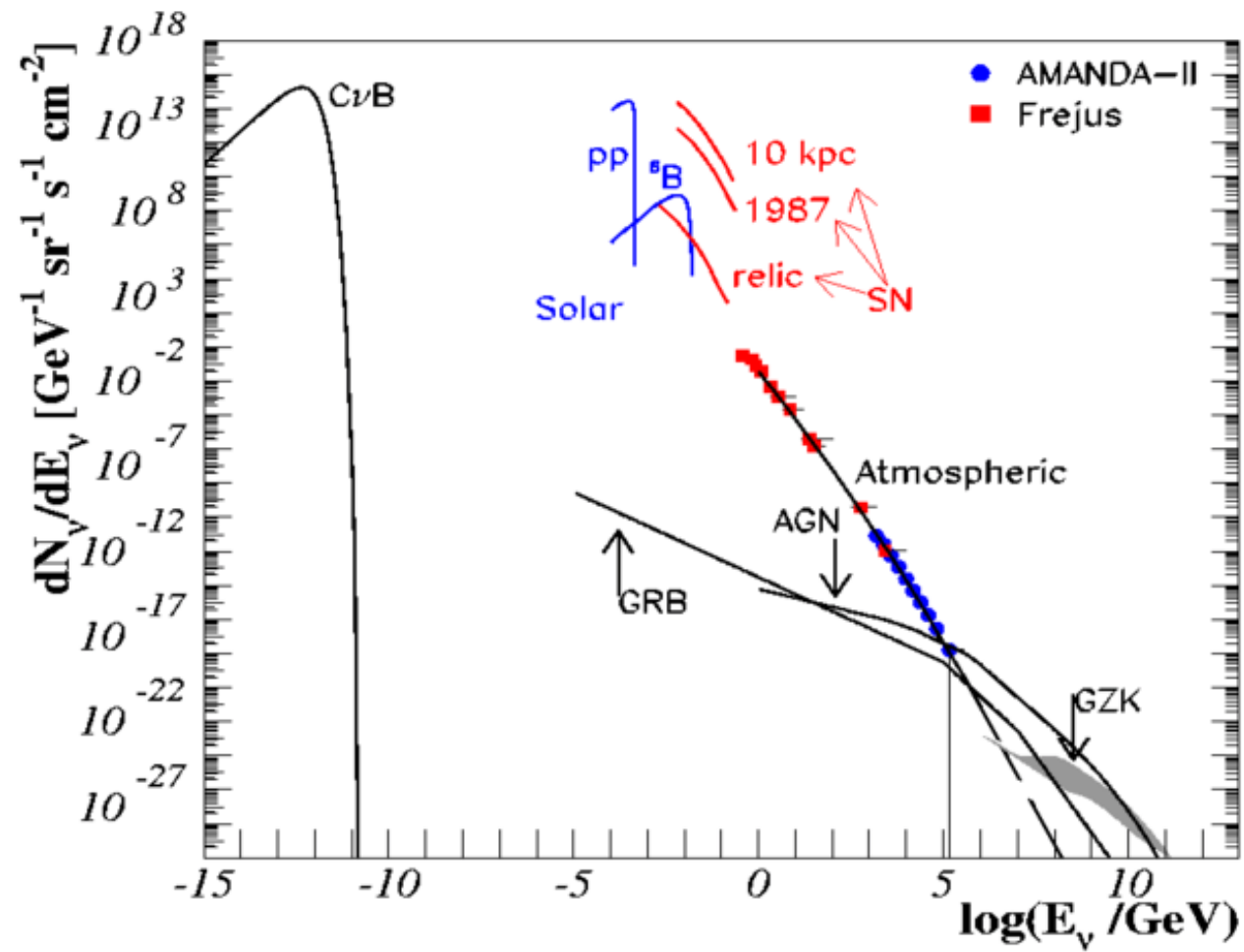




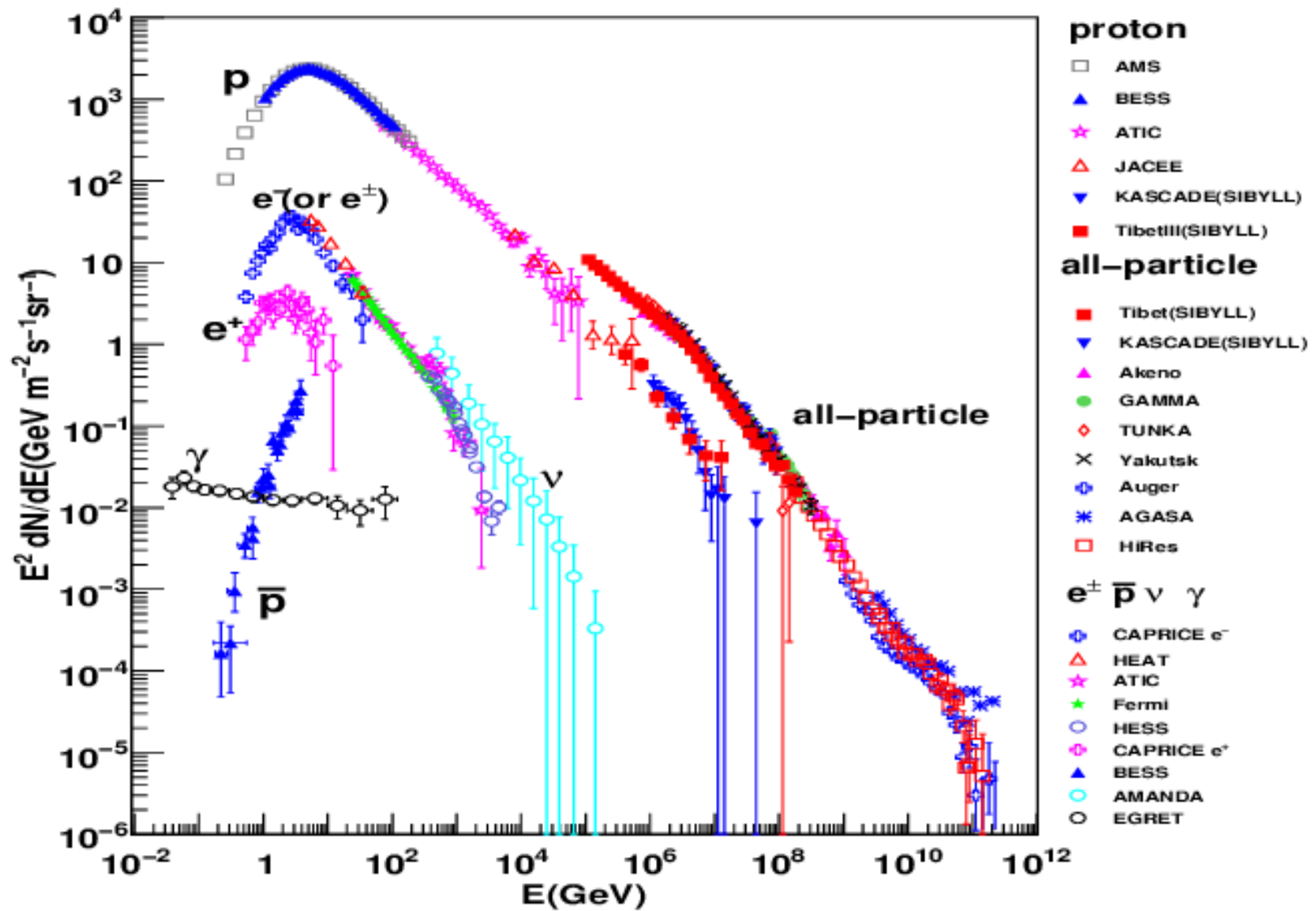
**South Pole Telescope**



**Event Horizon Telescope**







T. Gaisser