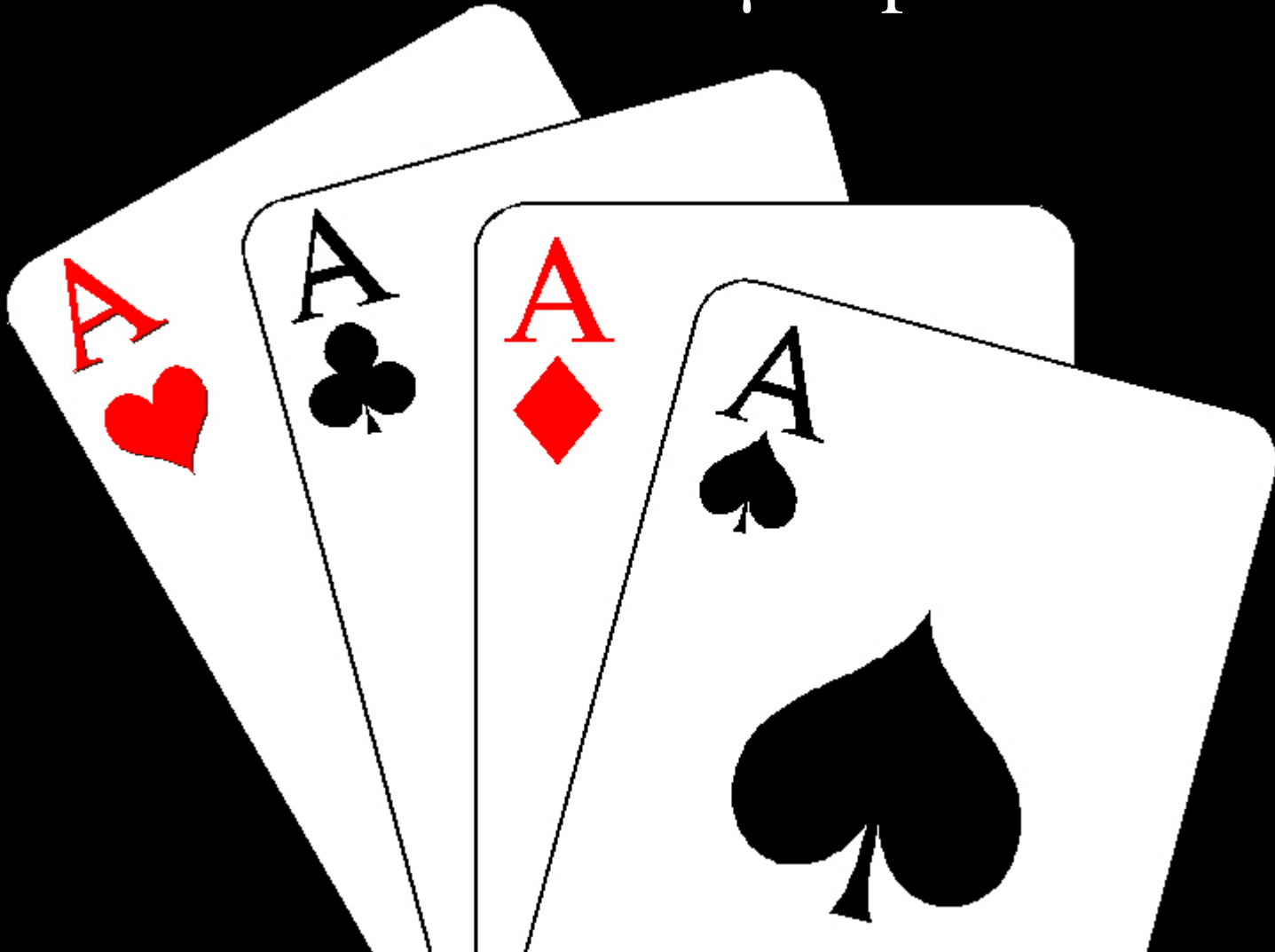
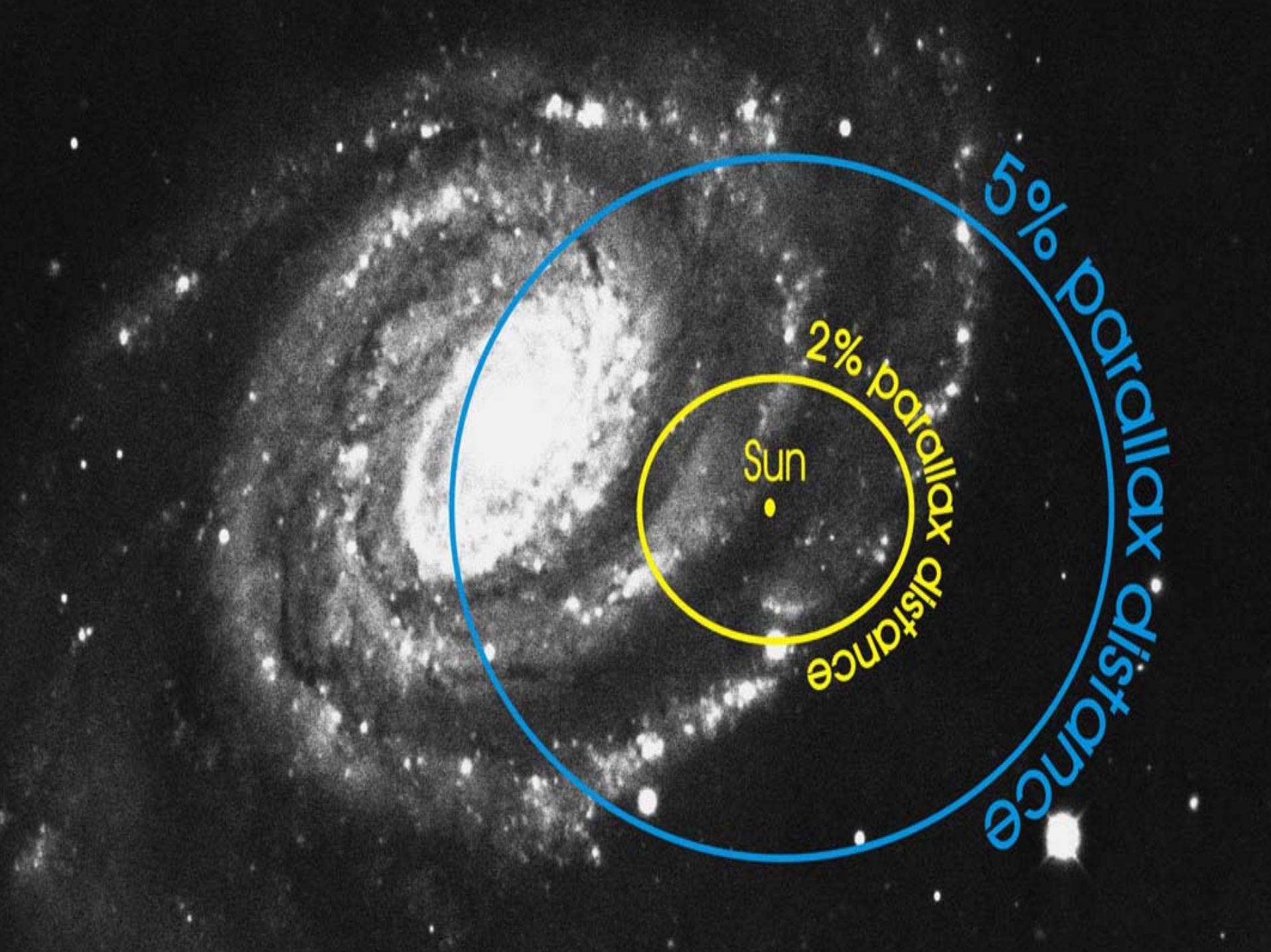


SIM “Lite’s” Stellar Aces

1. Far

4 μ as parallaxes





Sun

2% parallax distance

5% parallax distance

SIM “Lite’s” Aces

1. Far 4 μ s parallaxes
2. Faint $V \sim 18$
3. Finesse your cleverness
4. Future interferometry



Mass Luminosity Relation in Fundamental Clusters

Orion

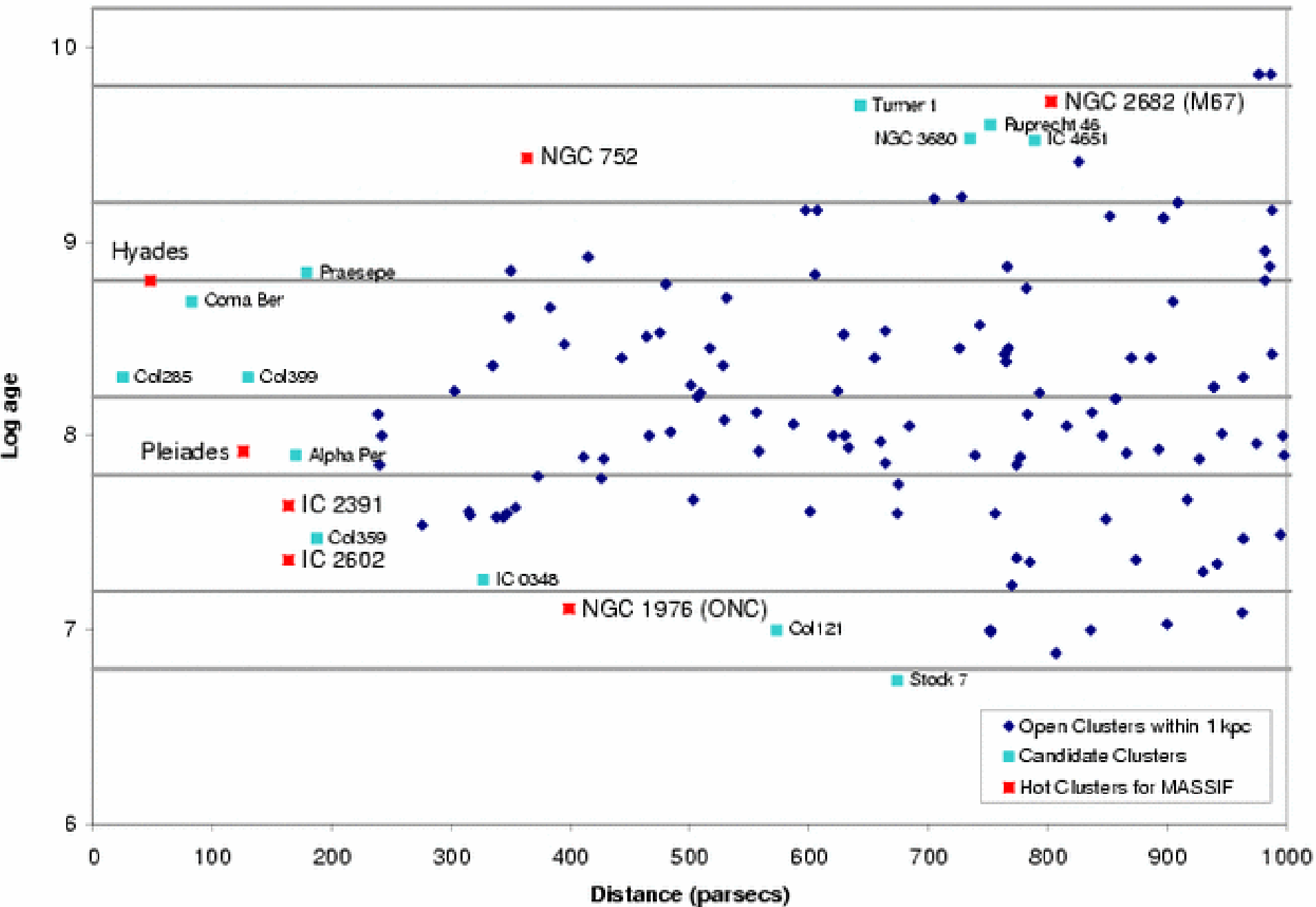
Pleiades

M7

Hyades

M67

Henry et al.



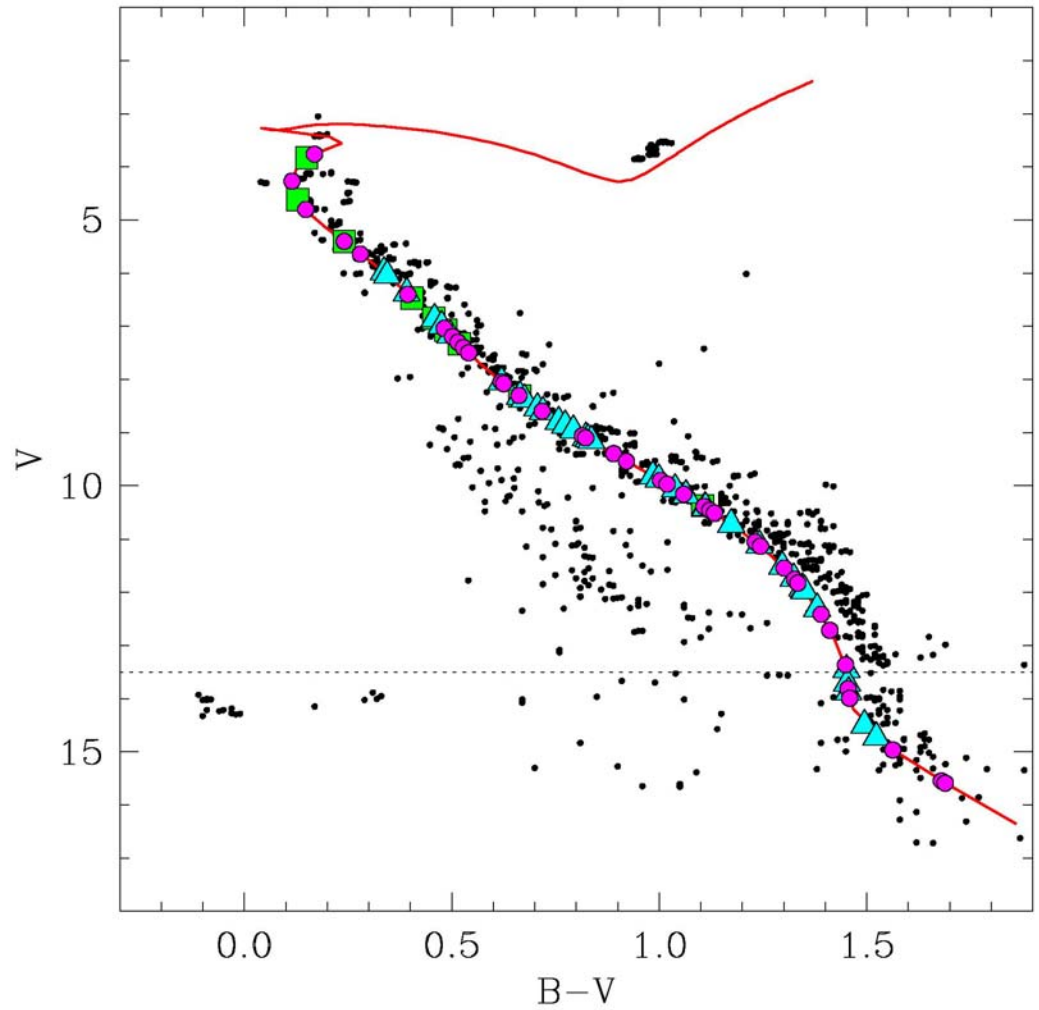
Hyades

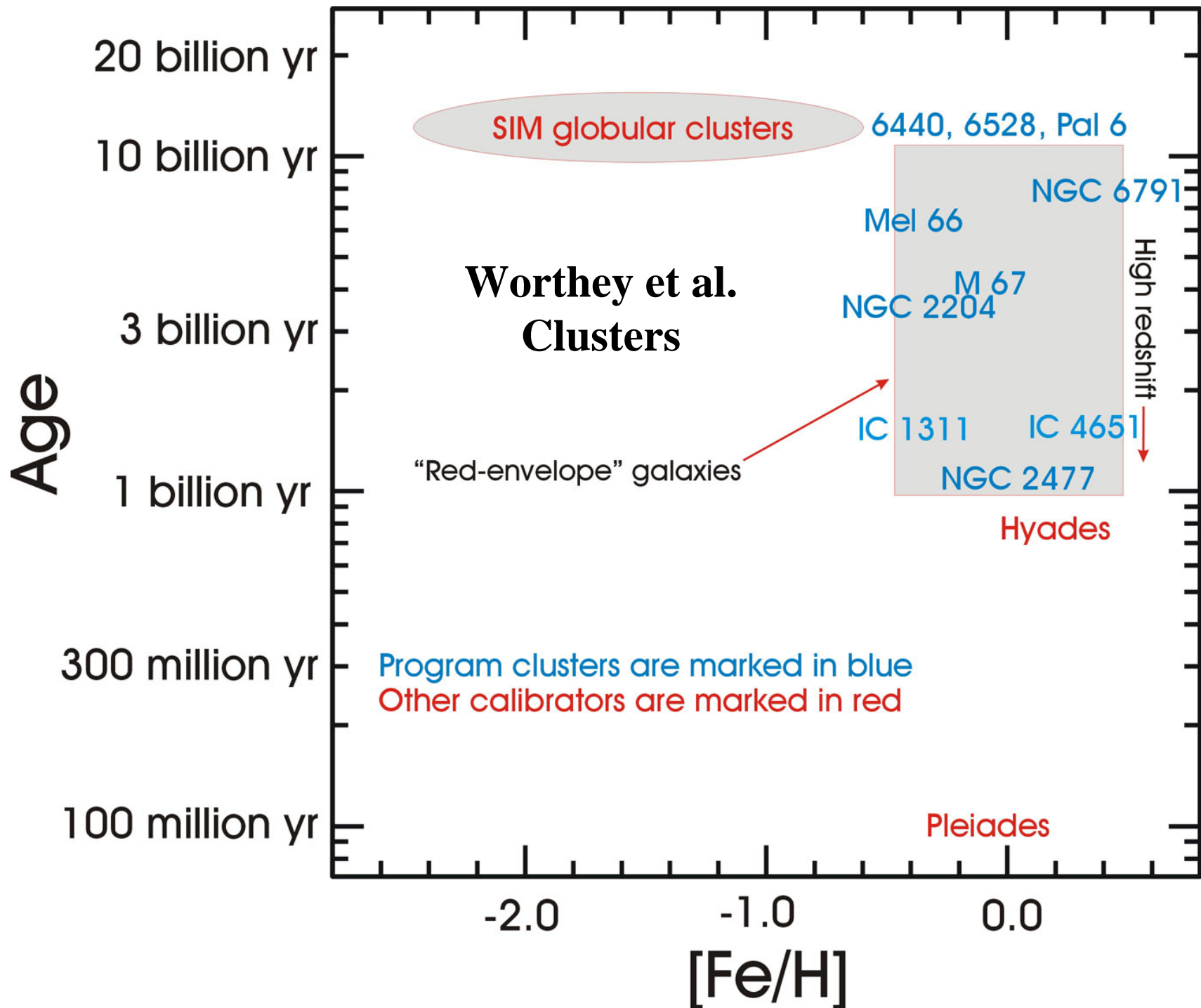
Torres et al.

■ Stars with
known masses

■ SB2s

■ SB1s



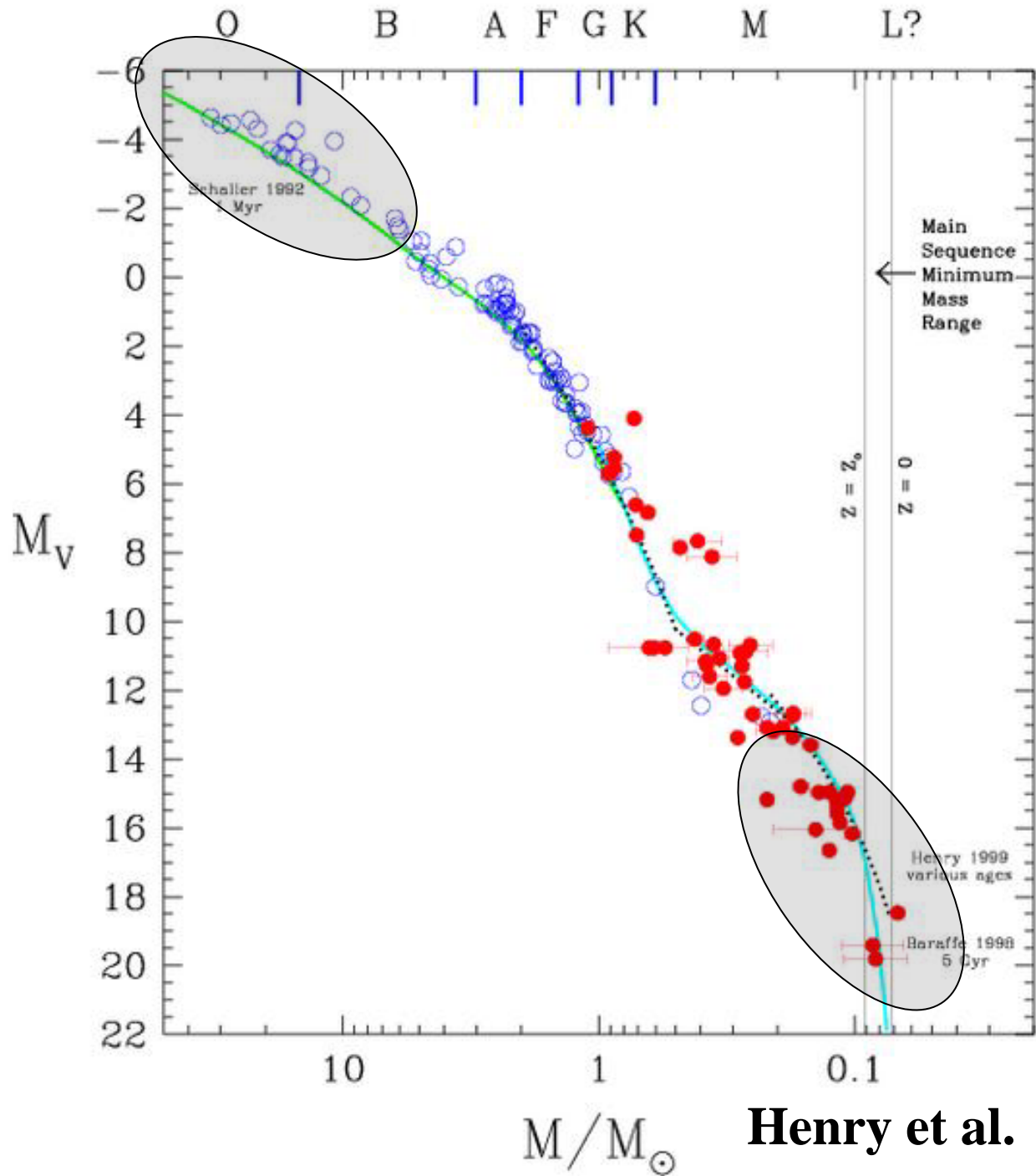


O/B stars

MLR
SPECIAL
SAMPLES

red dwarfs

subdwarfs

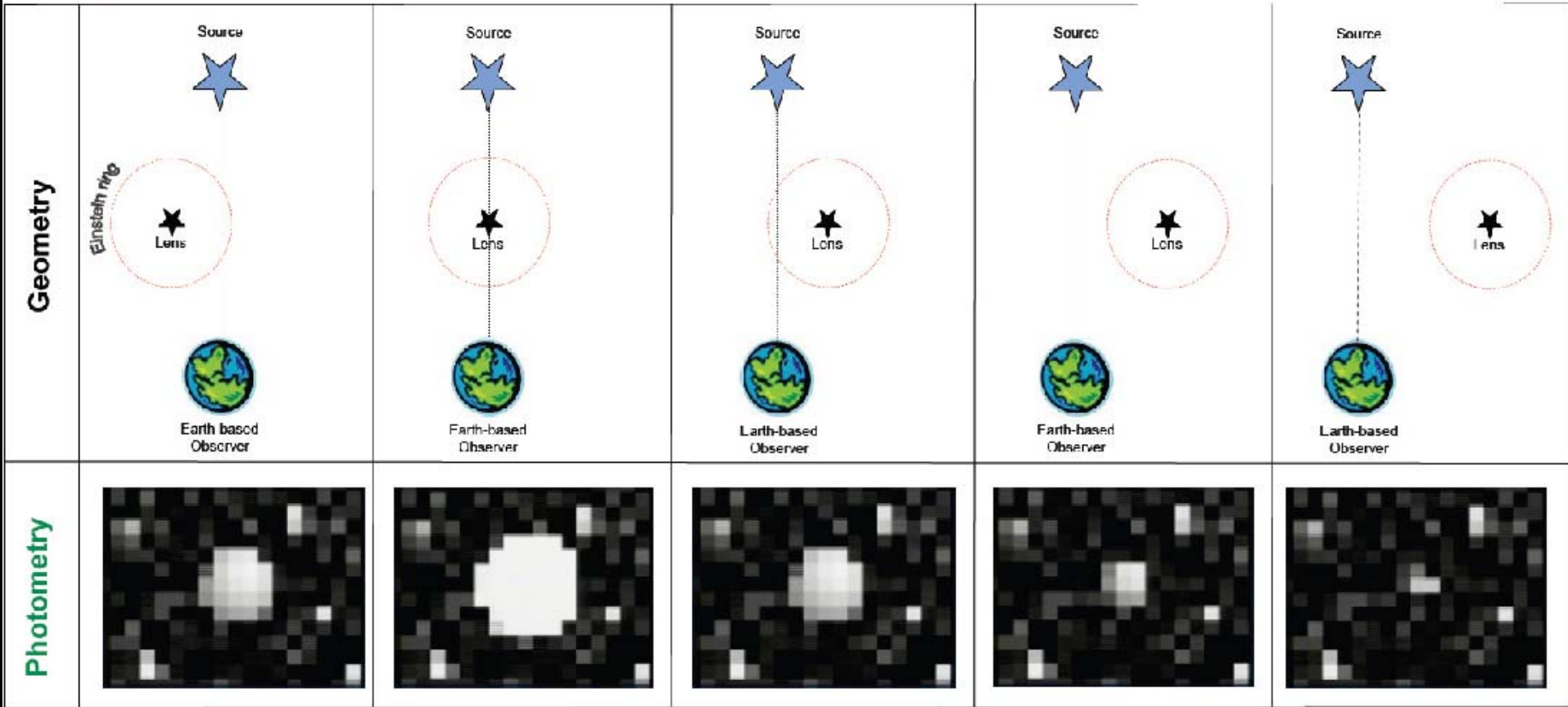


Microlensing

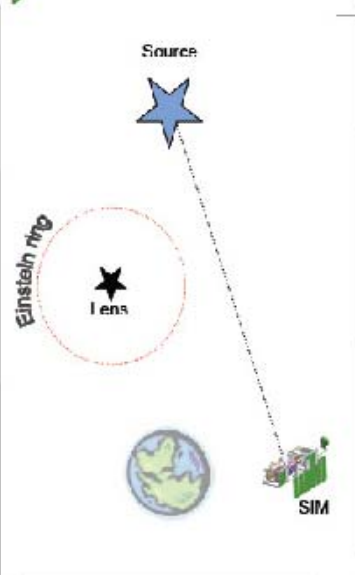
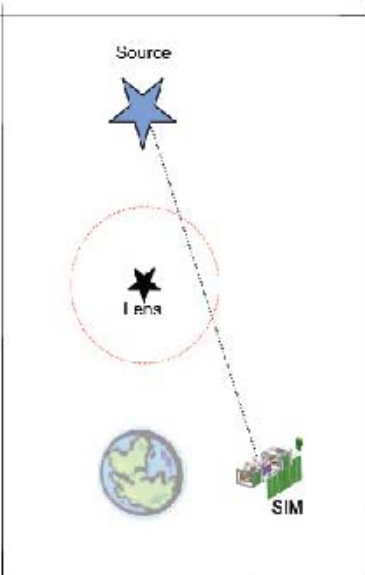
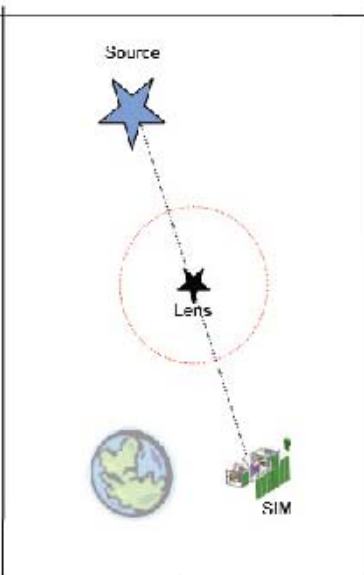
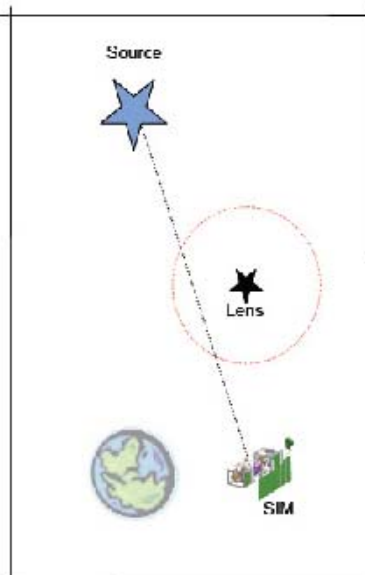
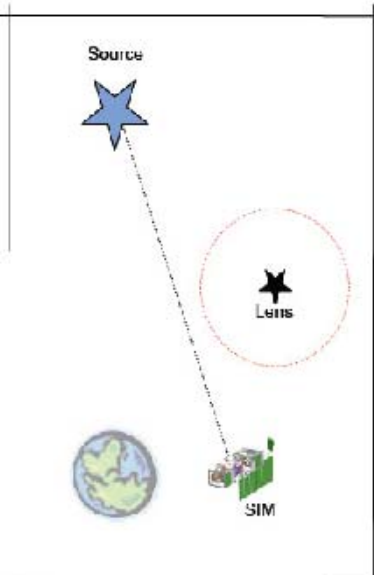
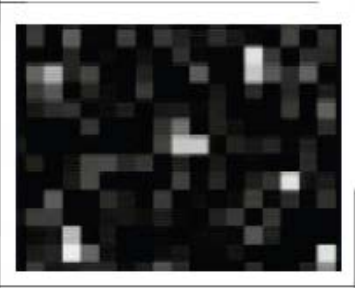
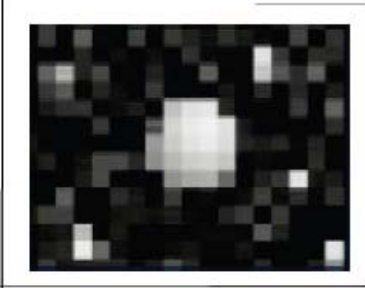
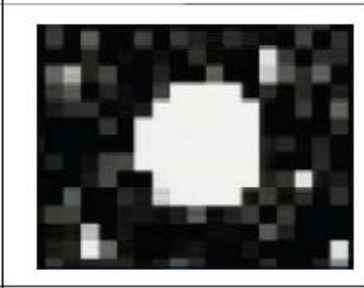
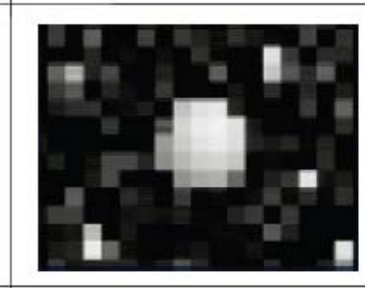
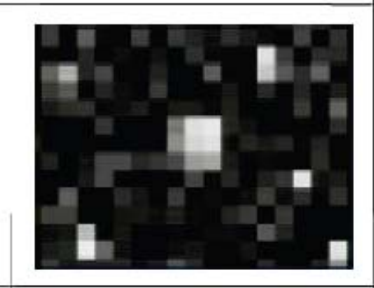


EARTH VIEW

TIME →



Gould et al.

Geometry					
Photometry					
Centroid position	