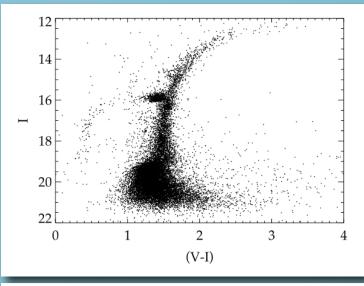


DOES THE GLOBULAR CLUSTER NGC 6388 HOST AN INTERMEDIATE MASS BLACK HOLE?

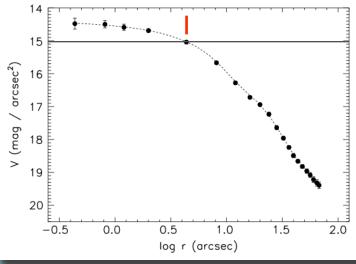


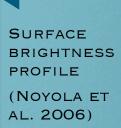
NGC 6388

GAL. LONG. GAL. LAT.	$345.56^{\circ} \\ -6.74^{\circ}$
DISTANCE	10 kpc
[FE/H]	$-0.6 \mathrm{dex}$
Mass	$2.6 \times 10^6 M_{\odot}$
VELOCITY DISP.	$18.9 \; \mathrm{km \cdot s^{-1}}$
EST. BH- MASS (LANZONI ET AL.)	$5.7 \times 10^3 M_{\odot}$





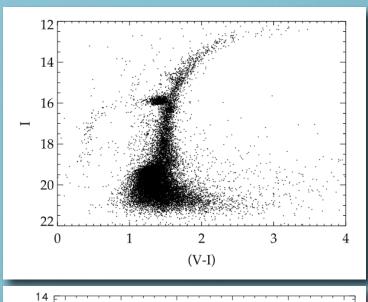




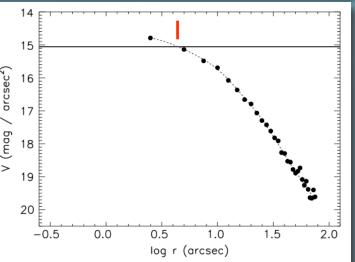


NGC 6388

GAL. LONG. GAL. LAT.	$345.56^{\circ} \\ -6.74^{\circ}$
DISTANCE	10 kpc
[FE/H]	$-0.6 \mathrm{dex}$
Mass	$2.6 \times 10^6 M_{\odot}$
VELOCITY DISP.	$18.9~\mathrm{km}\cdot\mathrm{s}^{-1}$
EST. BH- MASS (LANZONI ET AL.)	$5.7 \times 10^3 M_{\odot}$

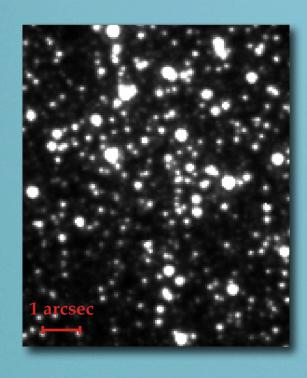


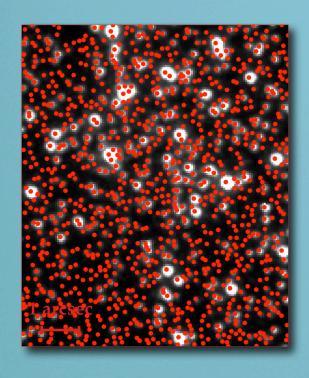


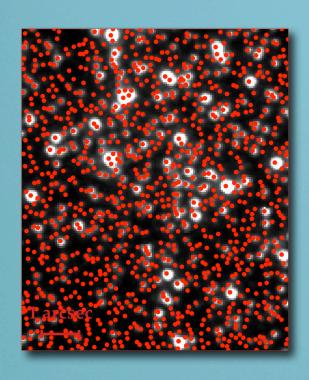




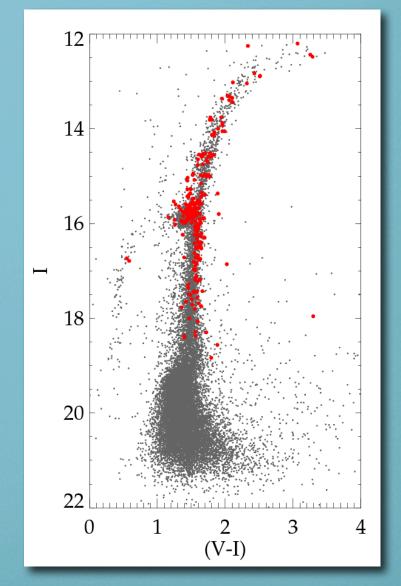


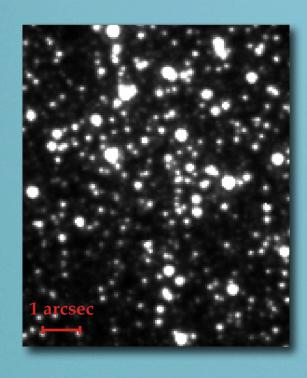


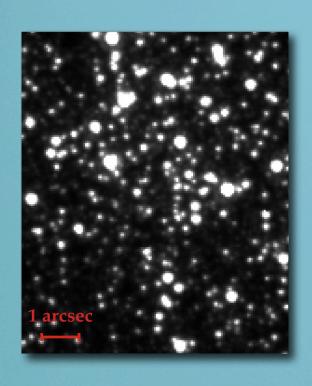








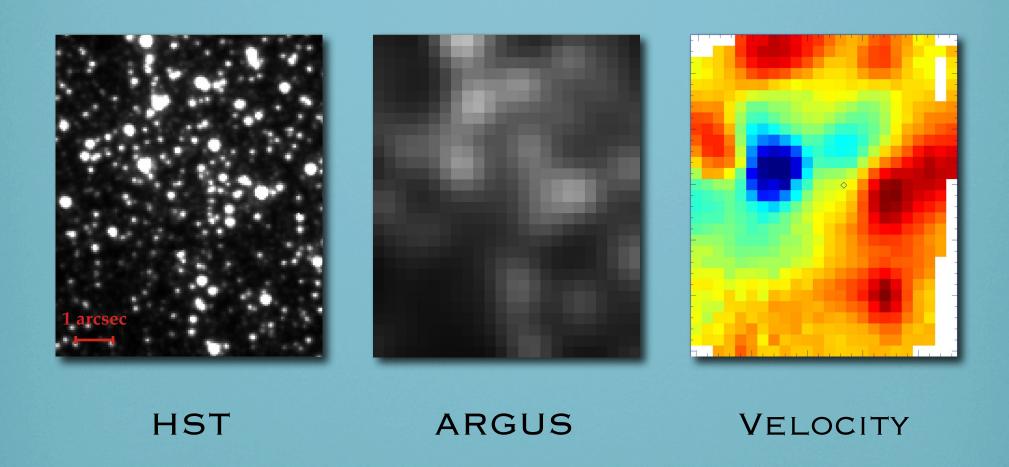




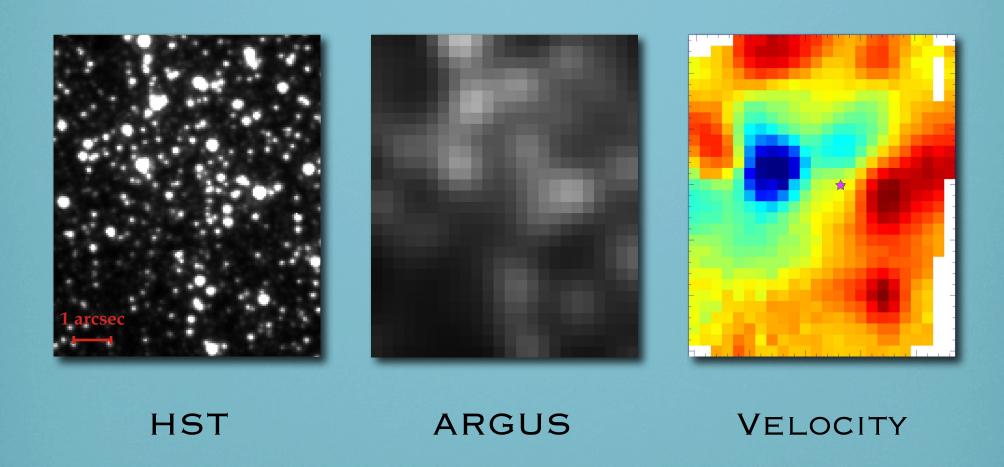


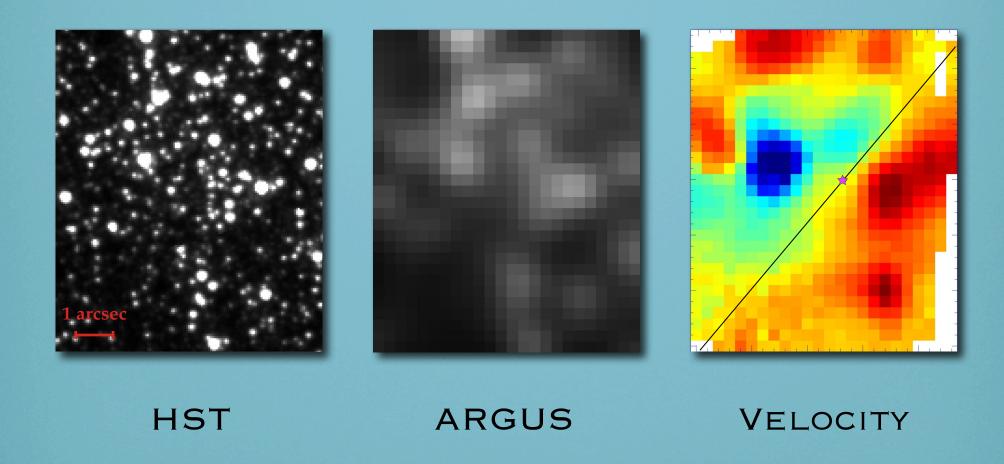
HST

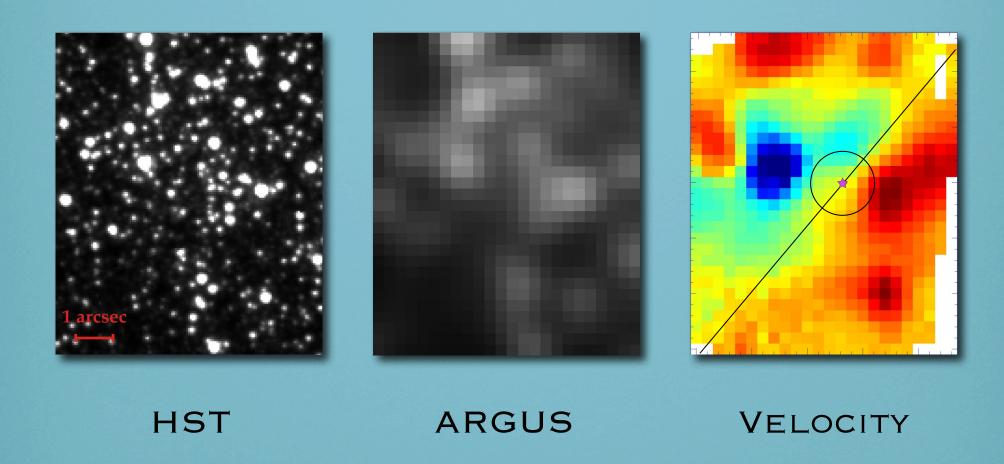
ARGUS

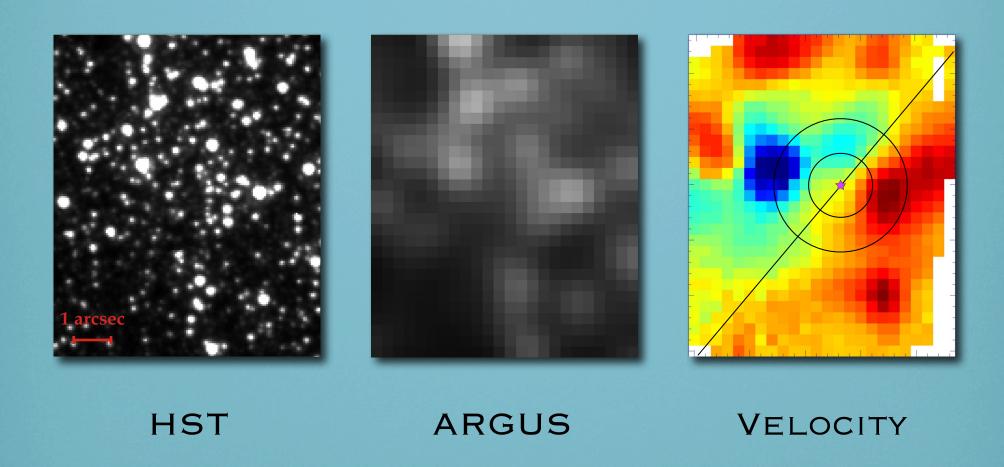


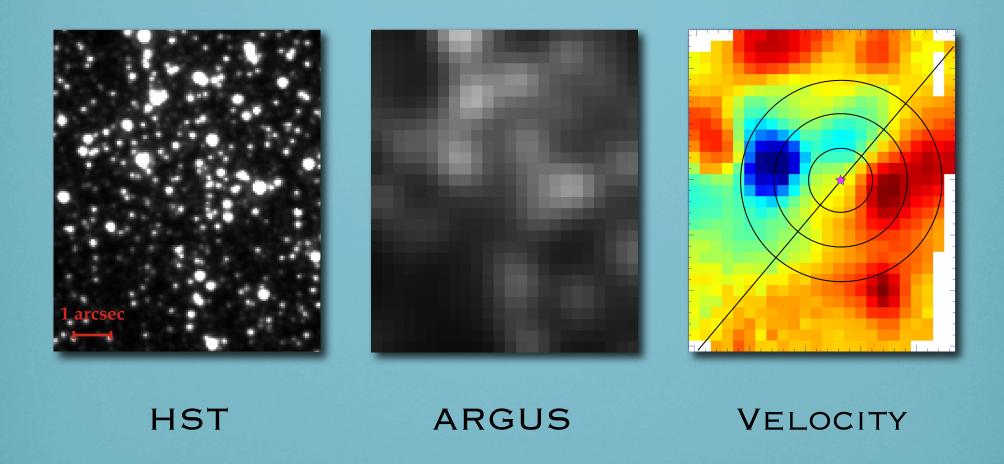


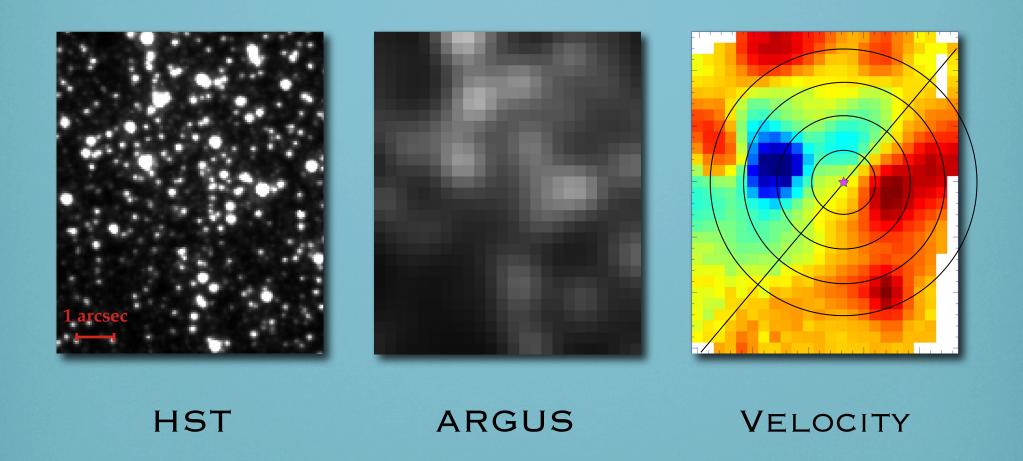




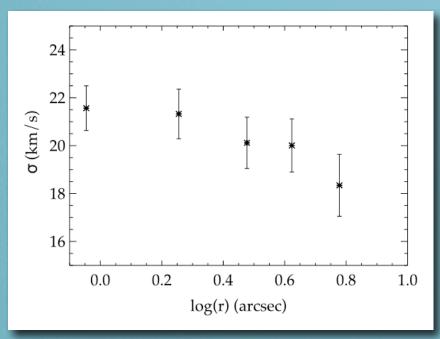




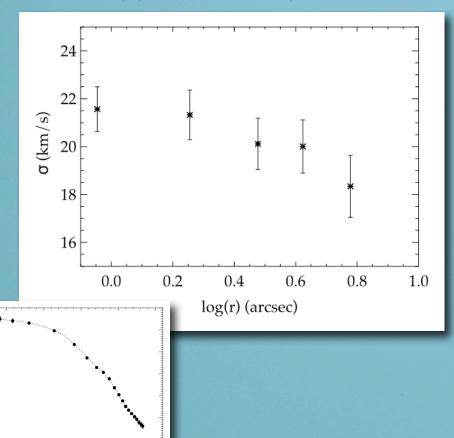




VELOCITY DISPERSION



VELOCITY DISPERSION



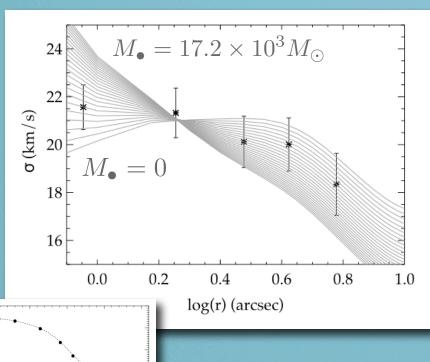
SURFACE BRIGHTNESS

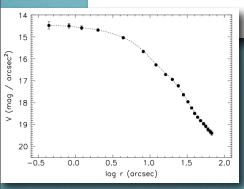
log r (arcsec)



V (mag / arcsec²)

VELOCITY DISPERSION

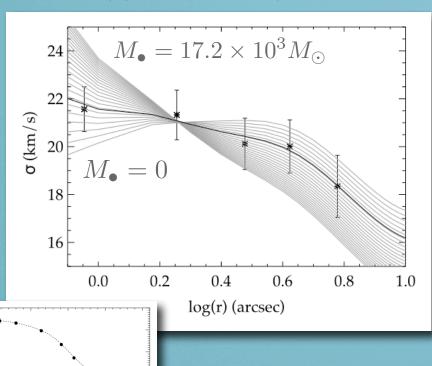


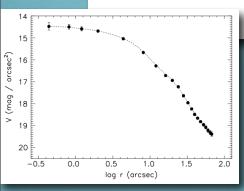


SURFACE BRIGHTNESS



VELOCITY DISPERSION

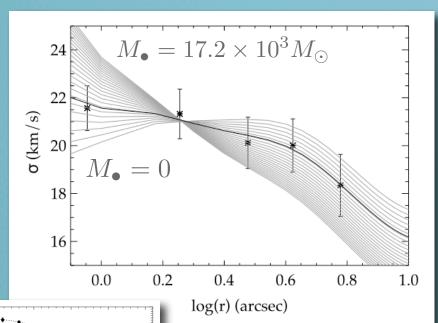




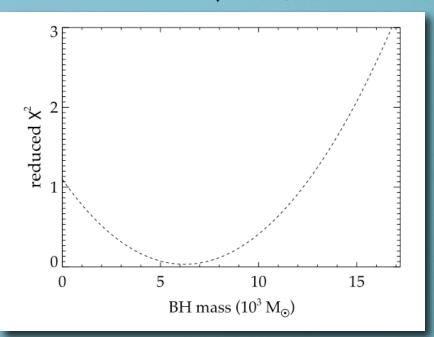
SURFACE BRIGHTNESS



VELOCITY DISPERSION



CHI SQUARE

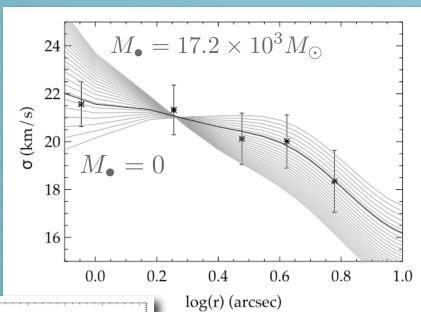


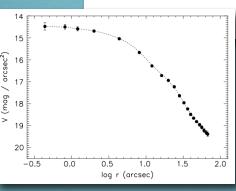
SURFACE BRIGHTNESS

log r (arcsec)



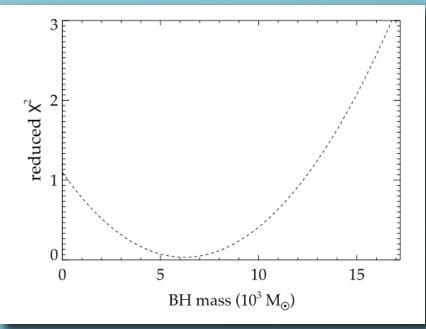
VELOCITY DISPERSION





SURFACE BRIGHTNESS

CHI SQUARE



$$M_{\bullet} = 6.2 \times 10^3 M_{\odot}$$
$$M/L = 2.7$$

THANK YOU