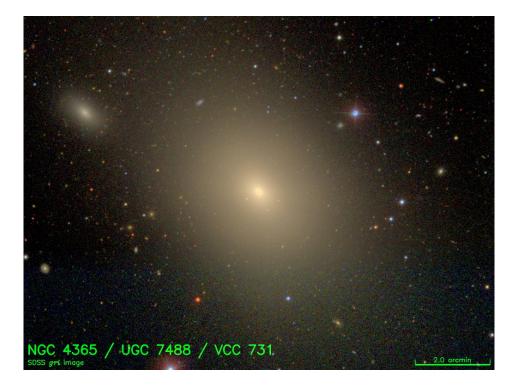
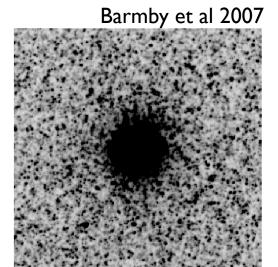
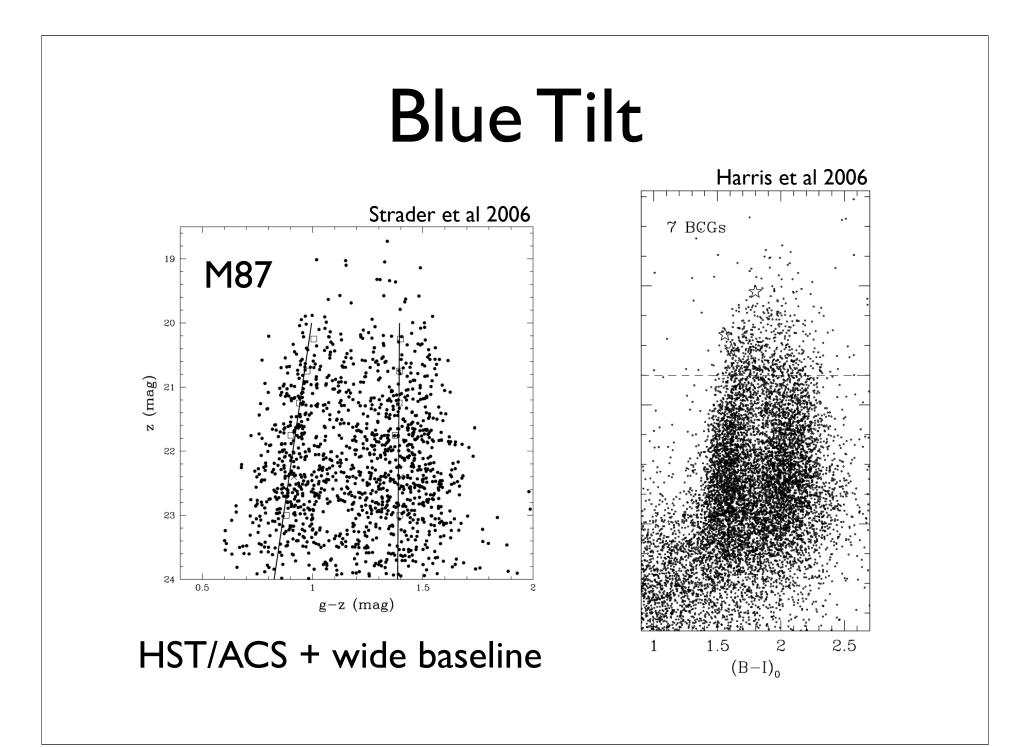
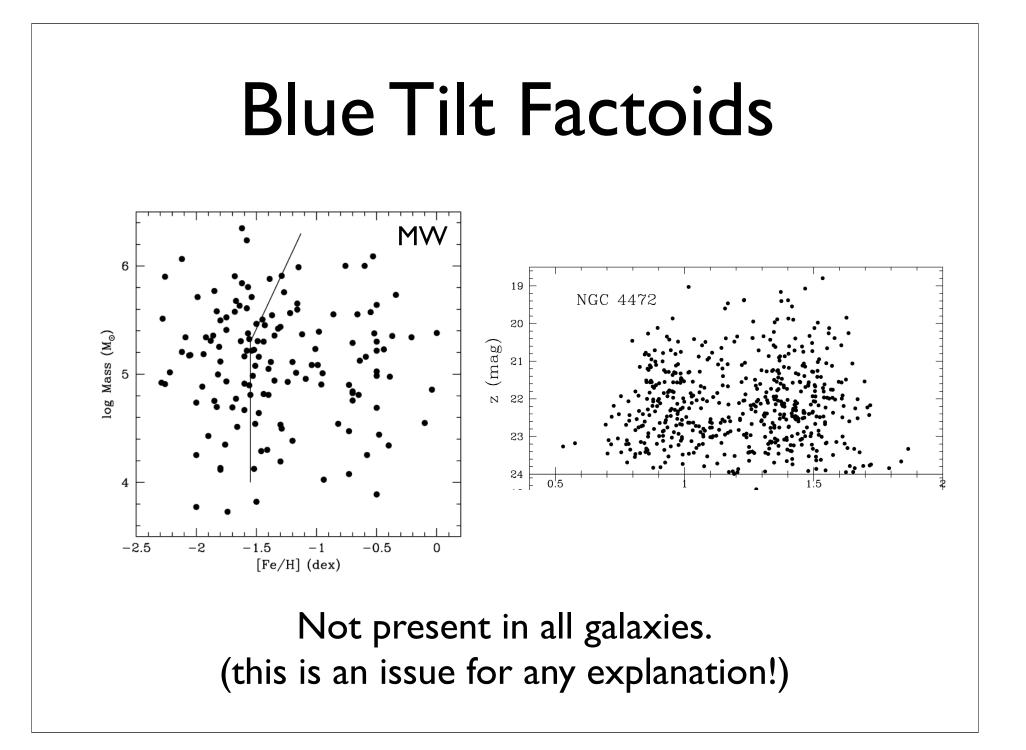
Blue Tilts + M/L

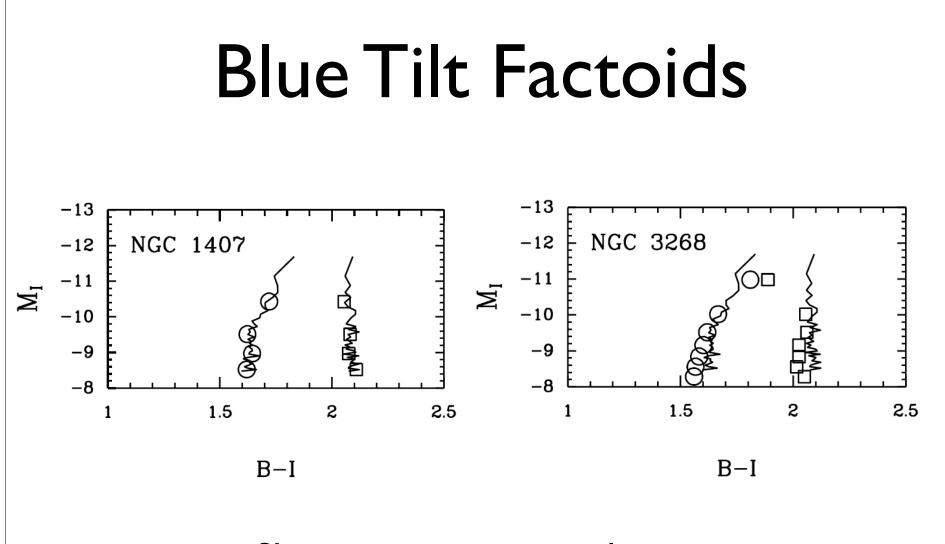
Jay Strader



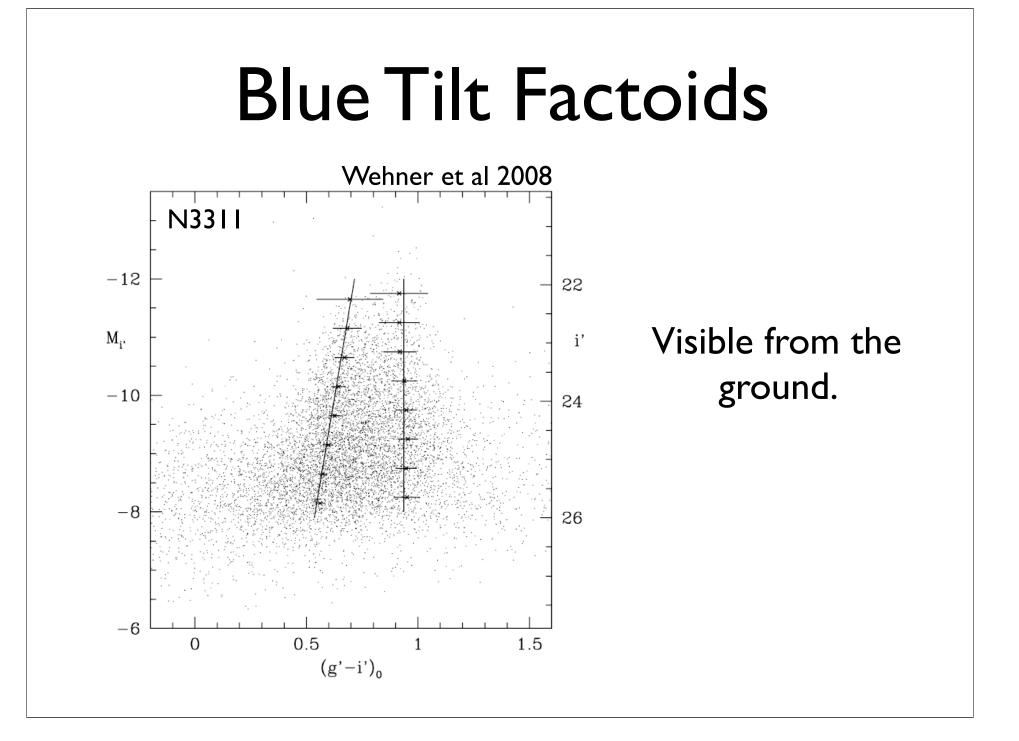




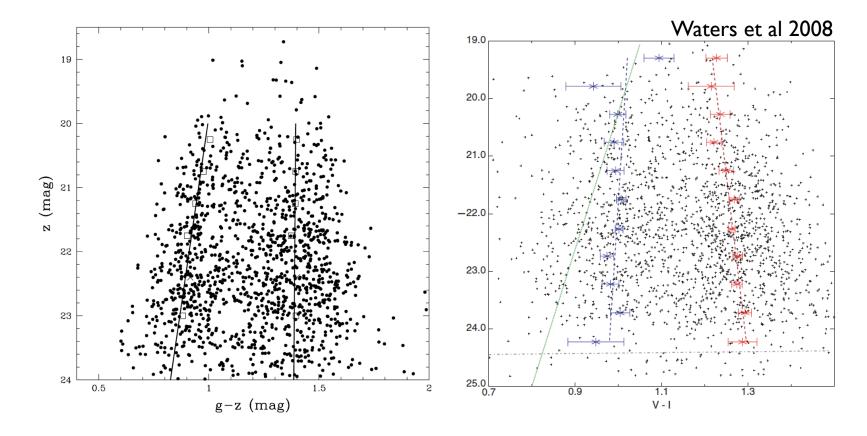




Shape varies among galaxies.

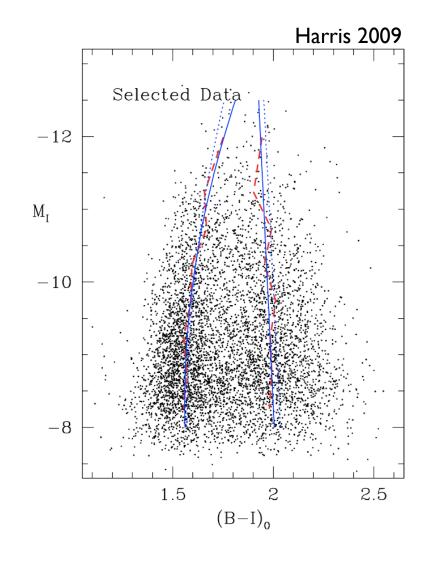


Blue Tilt Factoids



Galaxies aren't even sure that they have it.

Blue Tilt



Converted into metallicity, the tilt corresponds to:

Z~M^0.4-0.5

(keeping in mind one PL may not make sense)

Self-Enrichment

Basic idea: balance SNe feedback with binding energy

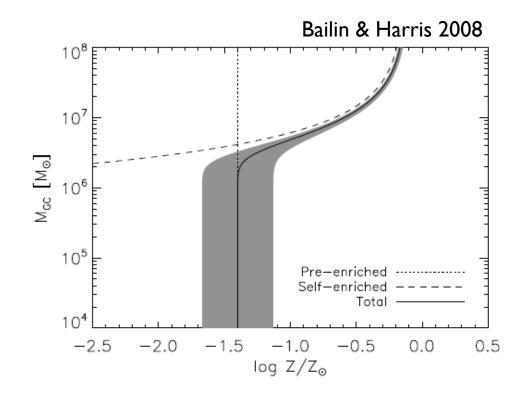
(1) SF efficiency varies with cluster mass (SS08, after AZ01)

Self-Enrichment

Basic idea: balance SNe feedback with binding energy

(I) SF efficiency varies with cluster mass
(II) Metal (=gas) retention varies with cluster mass (Bailin & Harris 2008)
(III) Both

Self-Enrichment



Predictions

(a) You should eventually see a "red tilt".(b) Blue tilt GCs should have metallicity spreads.

+

Is there a connection to enrichment of Galactic GCs?

M/L of M31 GCs

