

The Kormendy relation of galaxies as a function of samples and wavelength in the Frontier Fields clusters: Abell S1063 and MACS J1149.5+2223

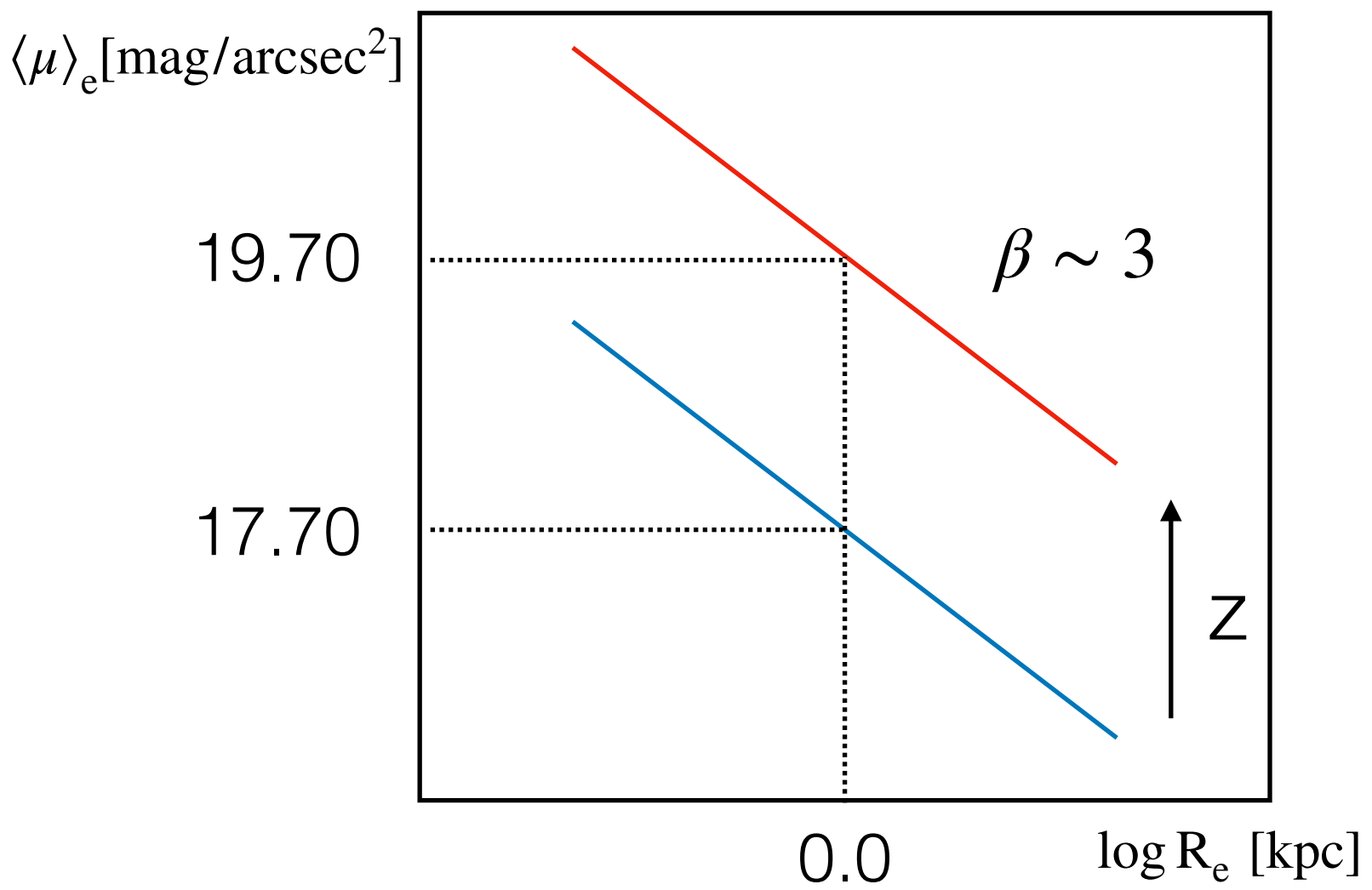


Luca Tortorelli

ETH zürich

Abell S1063

MACS J1149.5+2223



$$\langle \mu \rangle_e = \alpha + \beta \log R_e$$



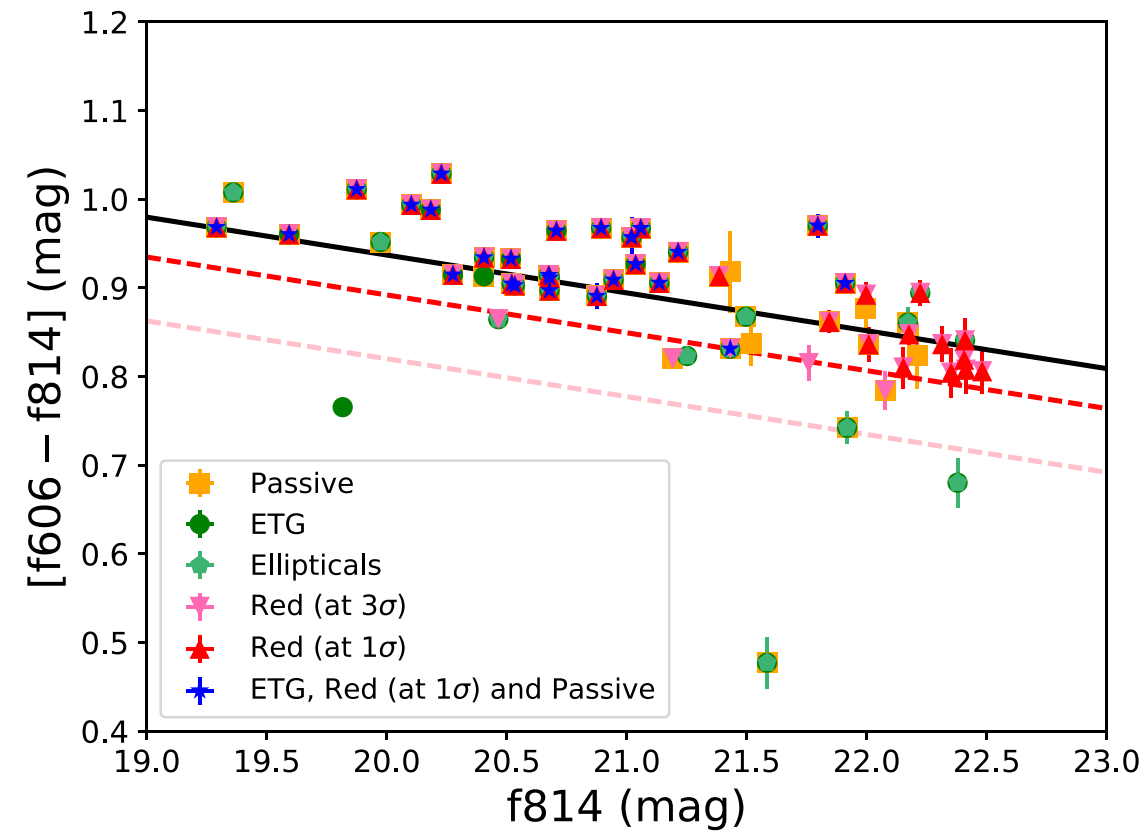
The Kormendy relation of galaxies as a function of samples and wavelength in the Frontier Fields clusters: Abell S1063 and MACS J1149.5+2223



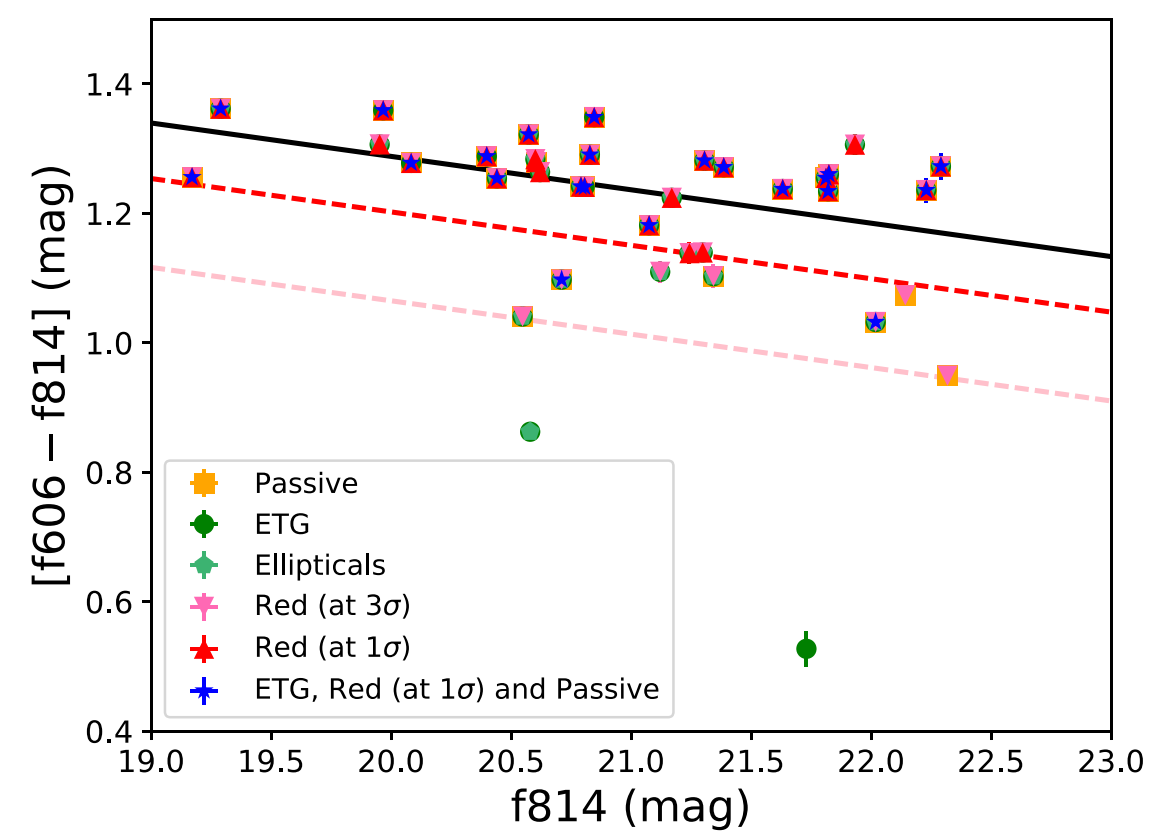
Luca Tortorelli

ETH zürich

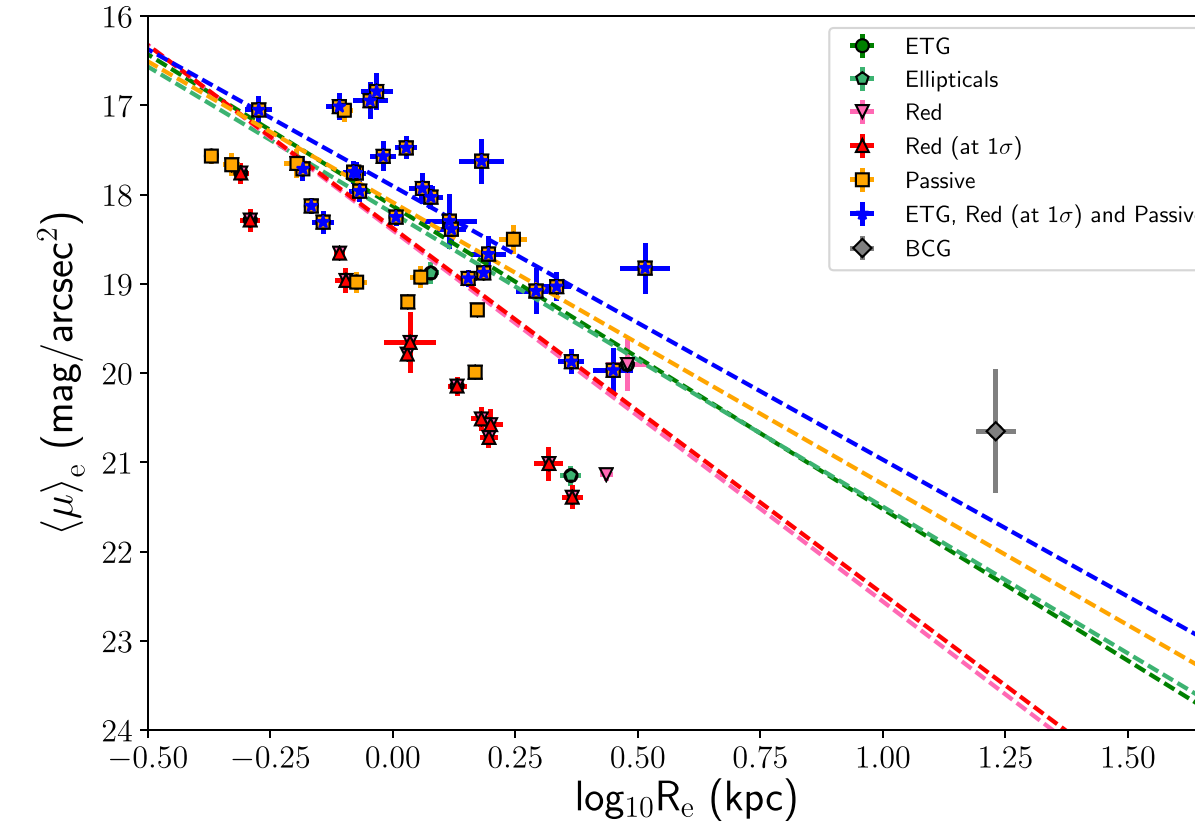
AS1063



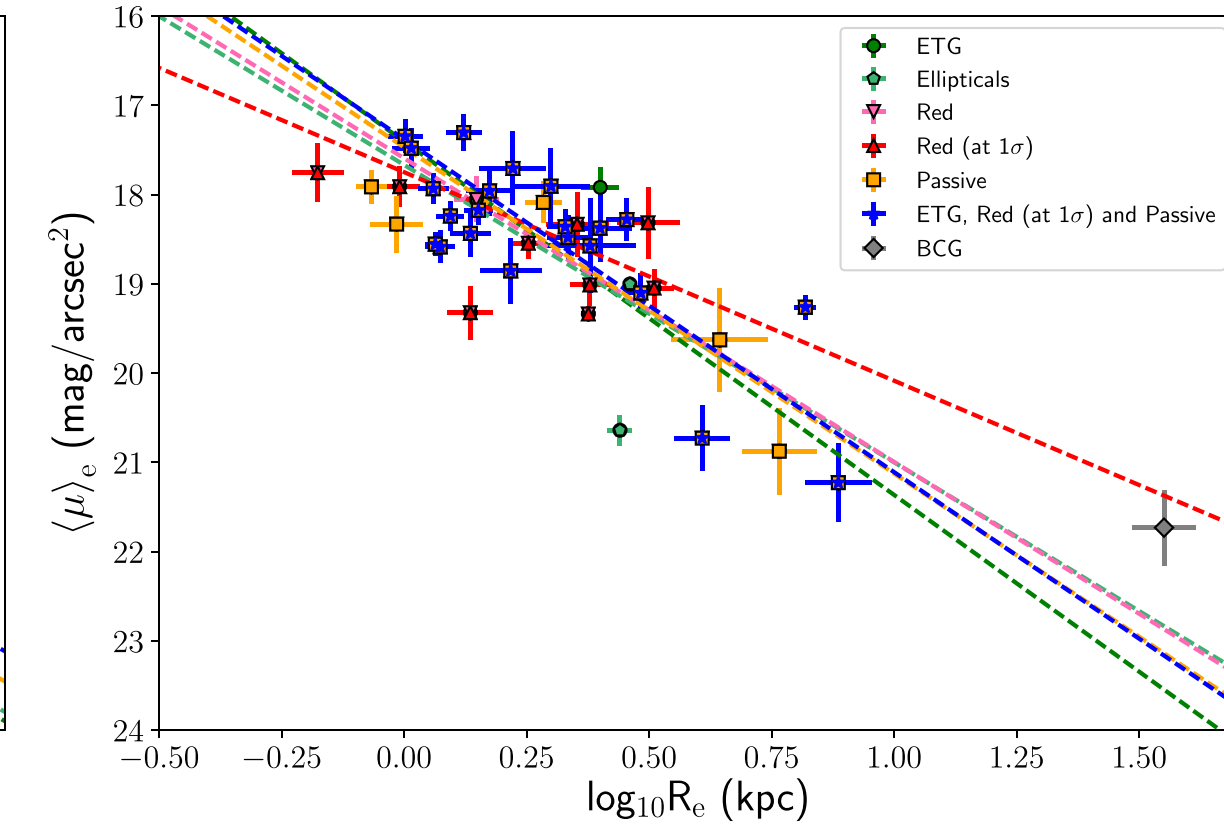
M1149



AS1063



M1149



$$\Delta\alpha_B = 0.60 \pm 0.02 \text{ ABmag}$$

$$\Delta\alpha_R = 0.59 \pm 0.03 \text{ ABmag}$$

