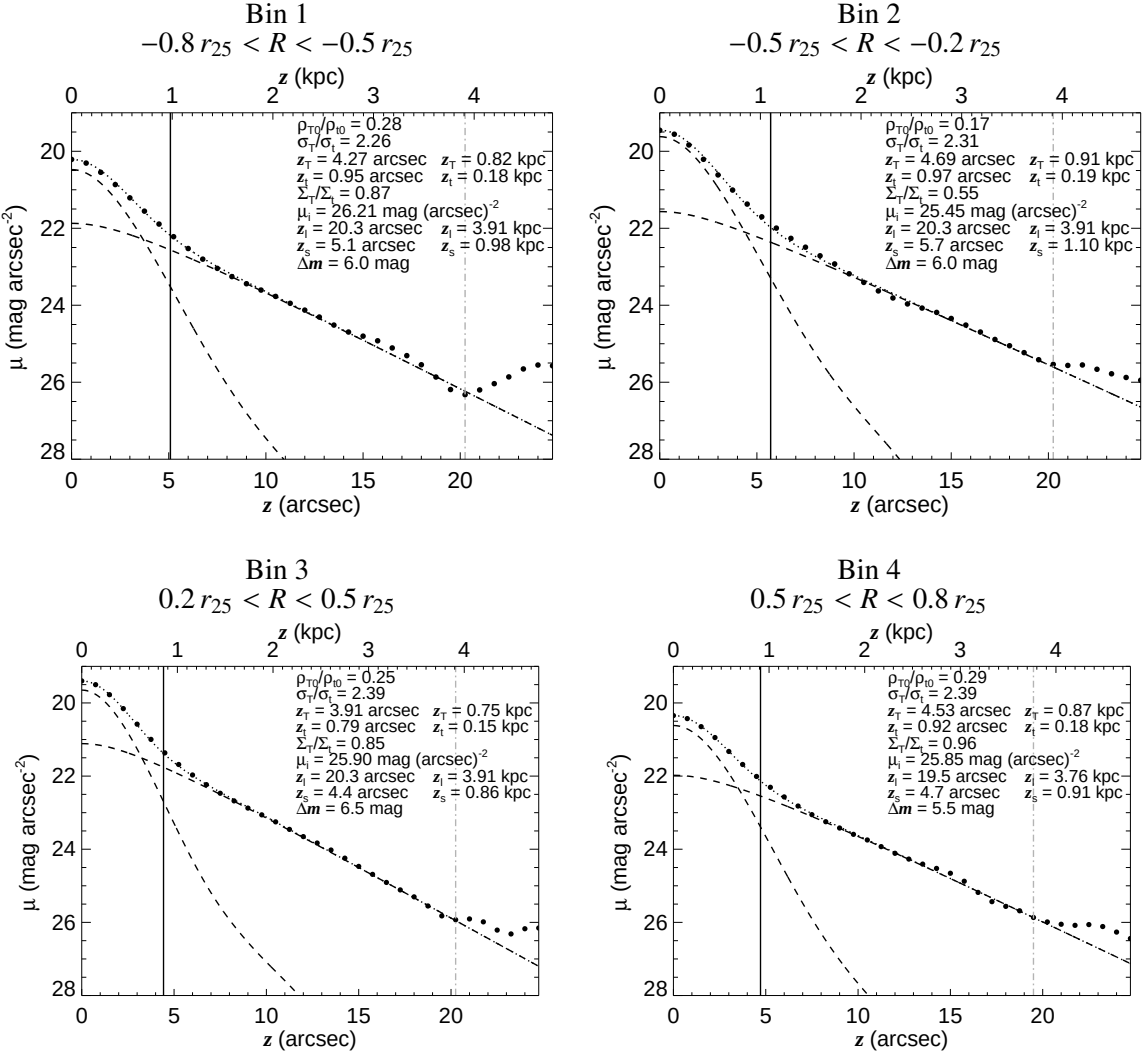
Bin 1
$-0.8\,r_{25} < R < -0.5\,r_{25}$
ρ_{T0}/ρ_{t0} = 0.28
σ_T/σ_t = 2.26
z_T = 4.27 arcsec z_T = 0.82 kpc
z_t = 0.95 arcsec z_t = 0.18 kpc
Σ_T/Σ_t = 0.87
μ_i = 26.21 mag (arcsec)$^{-2}$
z_l = 20.3 arcsec z_l = 3.91 kpc
z_s = 5.1 arcsec z_s = 0.98 kpc
Δm = 6.0 mag
Bin 2
$-0.5\,r_{25} < R < -0.2\,r_{25}$
ρ_{T0}/ρ_{t0} = 0.17
σ_T/σ_t = 2.31
z_T = 4.69 arcsec z_T = 0.91 kpc
z_t = 0.97 arcsec z_t = 0.19 kpc
Σ_T/Σ_t = 0.55
μ_i = 25.45 mag (arcsec)$^{-2}$
z_l = 20.3 arcsec z_l = 3.91 kpc
z_s = 5.7 arcsec z_s = 1.10 kpc
Δm = 6.0 mag
Bin 3
$0.2\,r_{25} < R < 0.5\,r_{25}$
ρ_{T0}/ρ_{t0} = 0.25
σ_T/σ_t = 2.39
z_T = 3.91 arcsec z_T = 0.75 kpc
z_t = 0.79 arcsec z_t = 0.15 kpc
Σ_T/Σ_t = 0.85
μ_i = 25.90 mag (arcsec)$^{-2}$
z_l = 20.3 arcsec z_l = 3.91 kpc
z_s = 4.4 arcsec z_s = 0.86 kpc
Δm = 6.5 mag
Bin 4
$0.5\,r_{25} < R < 0.8\,r_{25}$
ρ_{T0}/ρ_{t0} = 0.29
σ_T/σ_t = 2.39
z_T = 4.53 arcsec z_T = 0.87 kpc
z_t = 0.92 arcsec z_t = 0.18 kpc
Σ_T/Σ_t = 0.96
μ_i = 25.85 mag (arcsec)$^{-2}$
z_l = 19.5 arcsec z_l = 3.76 kpc
z_s = 4.7 arcsec z_s = 0.91 kpc
Δm = 5.5 mag
z (kpc)
z (arcsec)
μ (mag arcsec^{-2})