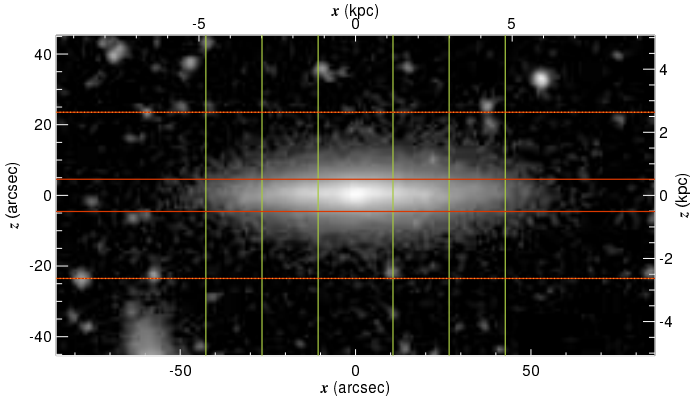
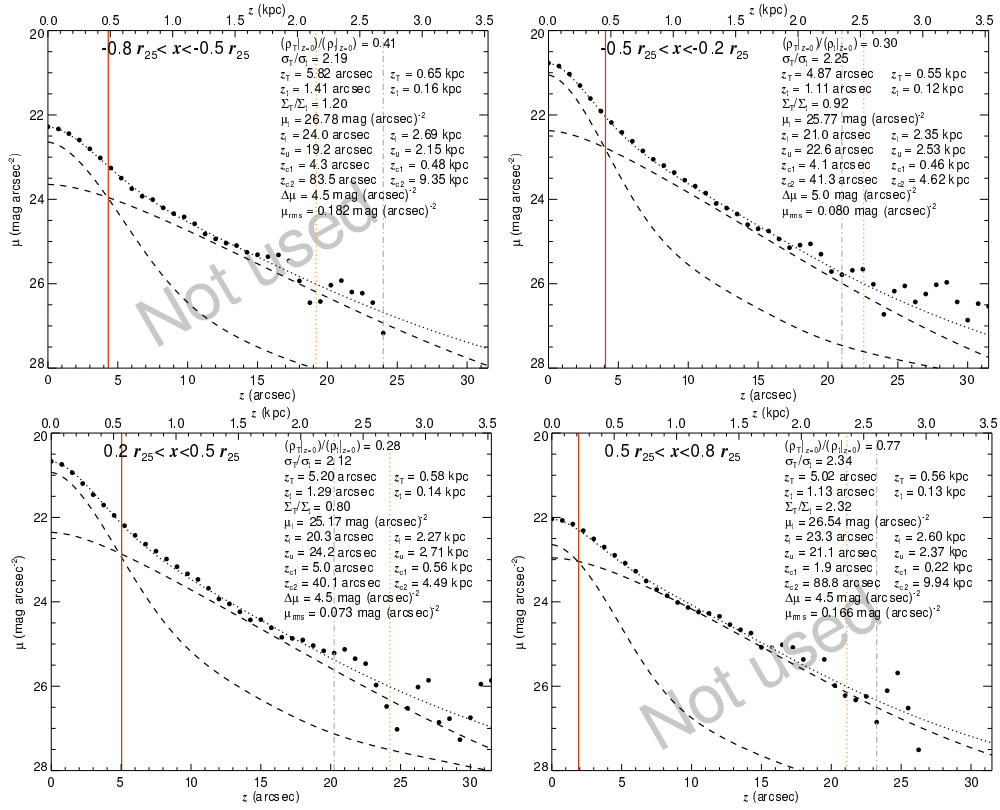
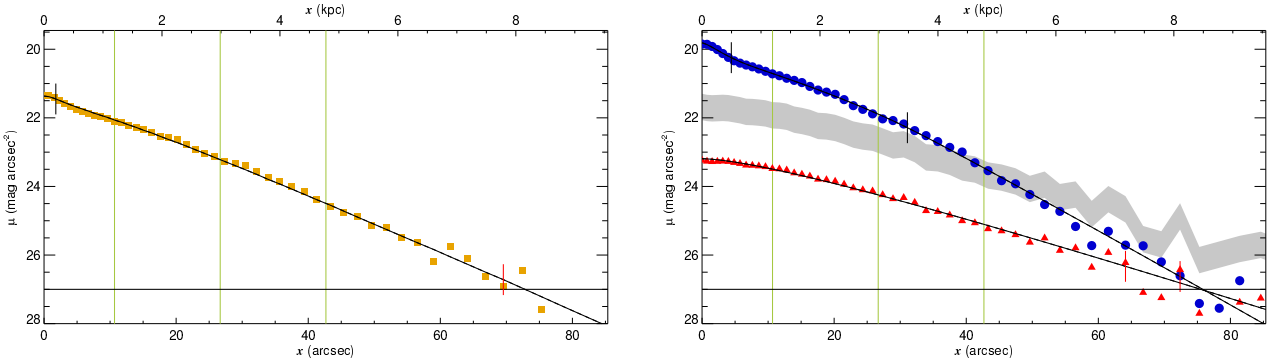
NGC 5658



RA (J2000.0)	$14^{h}32^{m}28\overset{s}{.}51$
Dec (J2000.0)	$+00°17'38\overset{''}{.}4$
r_{25}	$53\overset{''}{.}3$
PA	$117°.4$
$M_{3.6\mu m}$(AB)	-18.260
d	23.10 Mpc (1)
v_c	113 km s^{-1} (4)
Mean z_{c1}	$4\overset{''}{.}6$
Mean z_{c2}	$23\overset{''}{.}5$
Mean z_u	$23\overset{''}{.}5$





CMC properties
No CMC

Total profile
Type III
$h_1 = 2\overset{''}{.}1$
$h_2 = 11\overset{''}{.}5$
$r_{12} = 1\overset{''}{.}8$

Thin disc profile
Type III+II
$h_1 = 3\overset{''}{.}0$
$h_2 = 12\overset{''}{.}2$
$h_3 = 9\overset{''}{.}4$
$r_{12} = 4\overset{''}{.}4$
$r_{23} = 31\overset{''}{.}1$

Thick disc profile
Type I
$h_1 = 16\overset{''}{.}6$

Component masses
$\mathcal{M}_g = 1.49 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 1.72 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 1.47 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
$z_t = 1\overset{''}{.}2$
$z_T = 5\overset{''}{.}0$