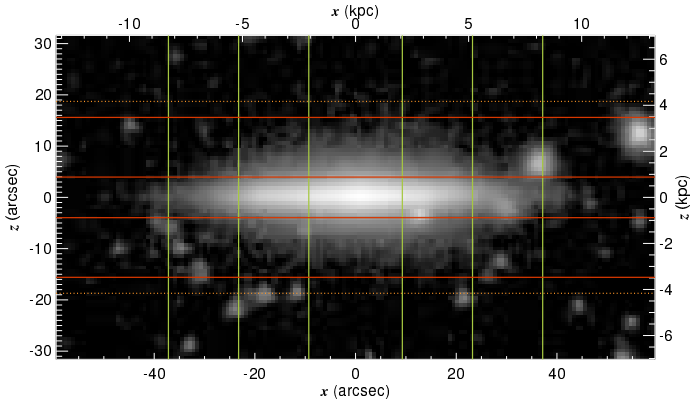
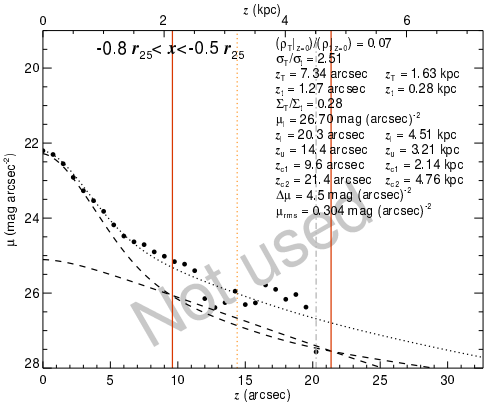
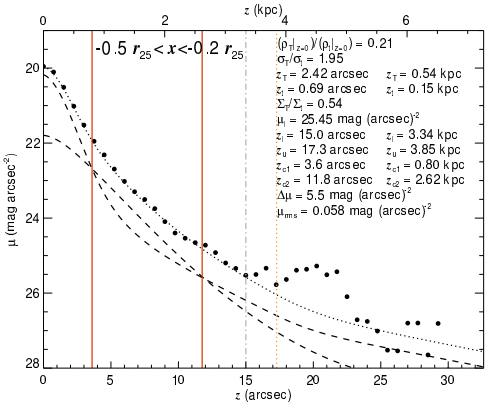
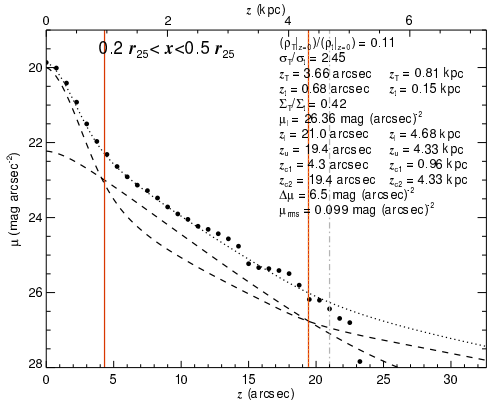


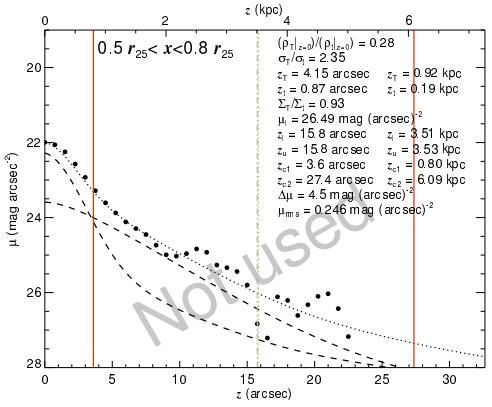
ESO 544-27

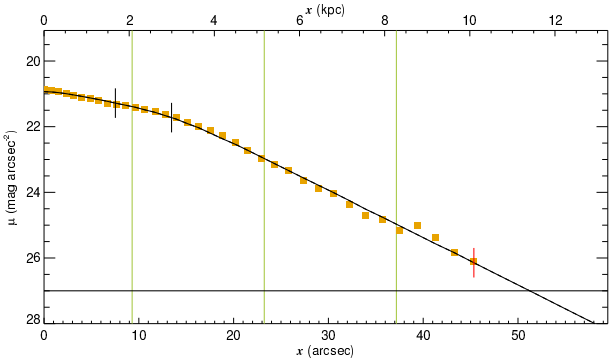
RA (J2000.0)	$02^{h}12^{m}54\overset{s}{.}66$
Dec (J2000.0)	$-19°19'00\overset{''}{.}8$
r_{25}	$46\overset{''}{.}5$
PA	$153°.3$
$M_{3.6\mu m}$(AB)	-19.645
d	45.92 Mpc (2)
v_c	125 km s^{-1} (3)
Mean z_{c1}	$4\overset{''}{.}0$
Mean z_{c2}	$15\overset{''}{.}6$
Mean z_u	$18\overset{''}{.}7$

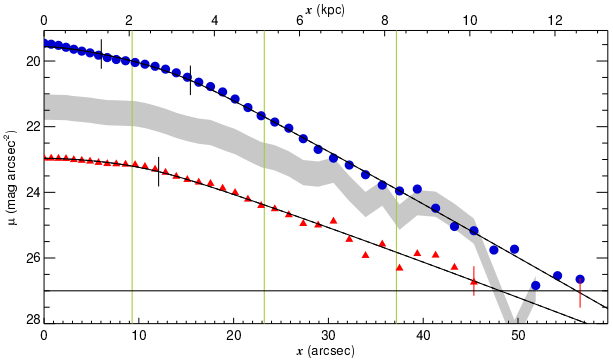












CMC properties
No CMC

Total profile
Type III+II
$h_1 = 7\overset{''}{.}7$
$h_2 = 75\overset{''}{.}9$
$h_3 = 6\overset{''}{.}5$
$r_{12} = 7\overset{''}{.}5$
$r_{23} = 13\overset{''}{.}5$

Thin disc profile
Type III+II
$h_1 = 13\overset{''}{.}6$
$h_2 = 14\overset{''}{.}3$
$h_3 = 6\overset{''}{.}3$
$r_{12} = 6\overset{''}{.}0$
$r_{23} = 15\overset{''}{.}4$

Thick disc profile
Type II
$h_1 = 40\overset{''}{.}5$
$h_2 = 9\overset{''}{.}2$
$r_{12} = 12\overset{''}{.}1$

Component masses
$\mathcal{M}_g = 5.96 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 7.56 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 3.57 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
$z_t = 0\overset{''}{.}7$
$z_T = 3\overset{''}{.}0$