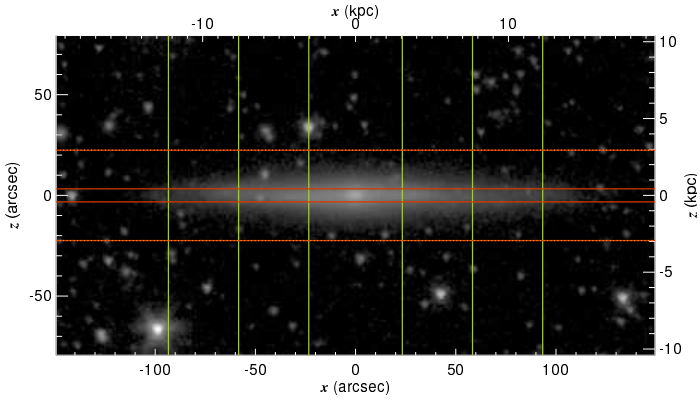
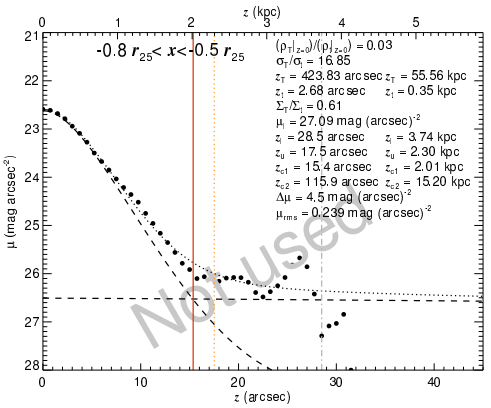
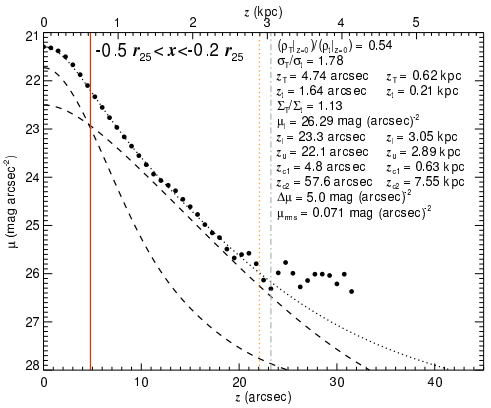
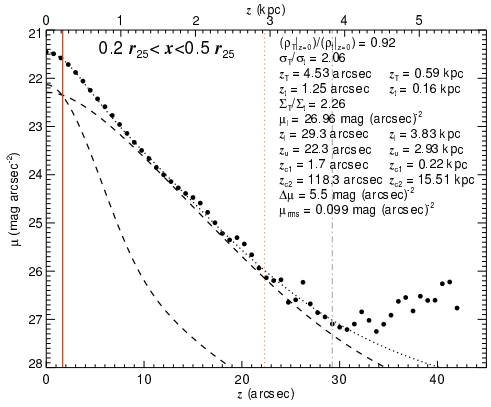
UGC 9977

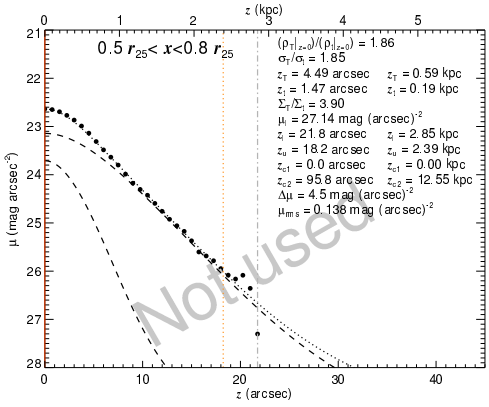
RA (J2000.0)	$15^{h}41^{m}59\overset{s}{.}54$
Dec (J2000.0)	$+00°42'46\overset{''}{.}1$
r_{25}	$116\overset{''}{.}7$
PA	$77°6$
$M_{3.6\mu m}$(AB)	-19.136
d	27.04 Mpc (2)
v_c	123 km s^{-1} (3)
Mean z_{c1}	$3\overset{''}{.}2$
Mean z_{c2}	$22\overset{''}{.}4$
Mean z_u	$22\overset{''}{.}4$

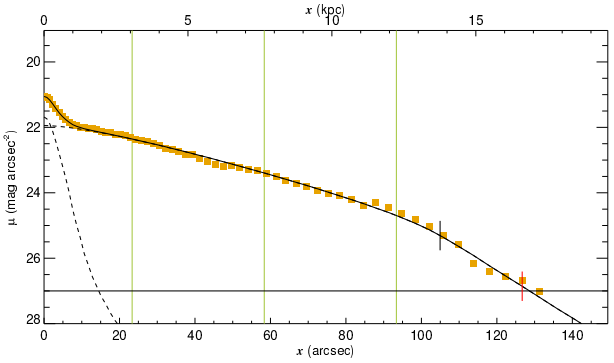


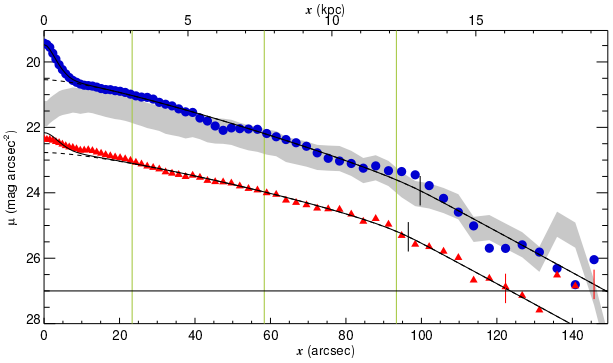












CMC properties	Total profile	Thin disc profile	Thick disc profile	Component masses	Disc scale-heights
	Type II	Type II	Type II		
$r_{CMC} = 2\overset{''}{.}73$	$h_1 = 28\overset{''}{.}6$	$h_1 = 26\overset{''}{.}0$	$h_1 = 34\overset{''}{.}3$	$\mathcal{M}_g = 7.93 \times 10^9\ \mathcal{M}_\odot$	$z_t = 1\overset{''}{.}4$
$n = 0.76$	$h_2 = 13\overset{''}{.}7$	$h_2 = 16\overset{''}{.}3$	$h_2 = 16\overset{''}{.}3$	$\mathcal{M}_t = 2.57 \times 10^9\ \mathcal{M}_\odot$	$z_T = 4\overset{''}{.}6$
	$r_{12} = 105\overset{''}{.}0$	$r_{12} = 99\overset{''}{.}7$	$r_{12} = 96\overset{''}{.}5$	$\mathcal{M}_T = 4.00 \times 10^9\ \mathcal{M}_\odot$	
				$\mathcal{M}_{CMC} = 0.82 \times 10^9\ \mathcal{M}_\odot$	