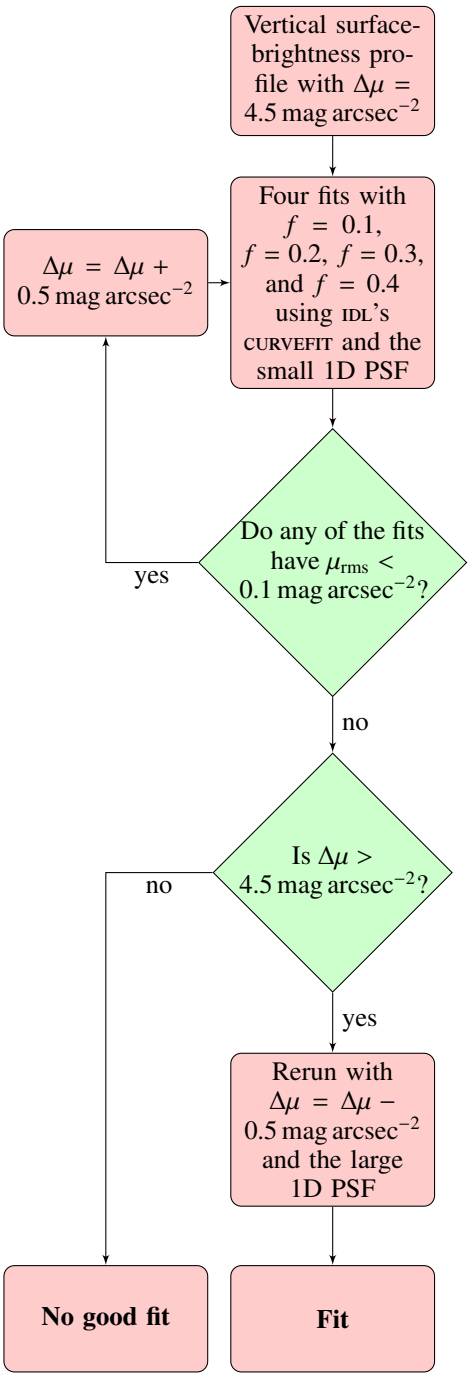
Vertical surface-brightness profile with $\Delta\mu$ = 4.5 mag arcsec^{-2}
Four fits with f = 0.1, f = 0.2, f = 0.3, and f = 0.4 using IDL's CURVEFIT and the small 1D PSF
$\Delta\mu$ = $\Delta\mu$ + 0.5 mag arcsec^{-2}
Do any of the fits have $\mu_{\rm rms}$ < 0.1 mag arcsec^{-2}?
yes
no
Is $\Delta\mu$ > 4.5 mag arcsec^{-2}?
no
yes
Rerun with $\Delta\mu$ = $\Delta\mu$ − 0.5 mag arcsec^{-2} and the large 1D PSF
No good fit
Fit