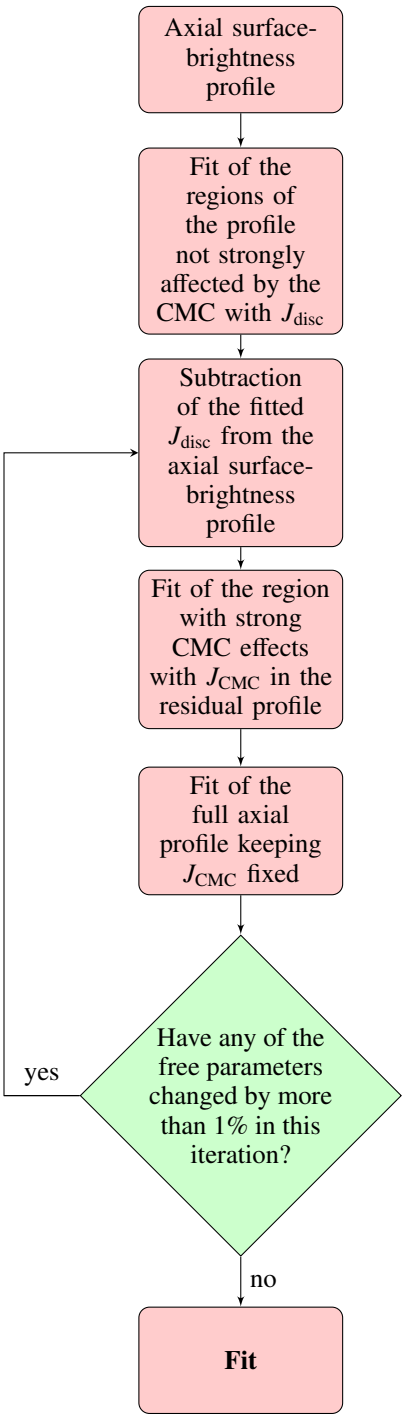
Axial surface-brightness profile
Fit of the regions of the profile not strongly affected by the CMC with $J_{\rm disc}$
Subtraction of the fitted $J_{\rm disc}$ from the axial surface-brightness profile
Fit of the region with strong CMC effects with $J_{\rm CMC}$ in the residual profile
Fit of the full axial profile keeping $J_{\rm CMC}$ fixed
Have any of the free parameters changed by more than 1% in this iteration?
yes
no
Fit