Contour plots for $M_{\rm RXT} \rightarrow D_{\rm j}$

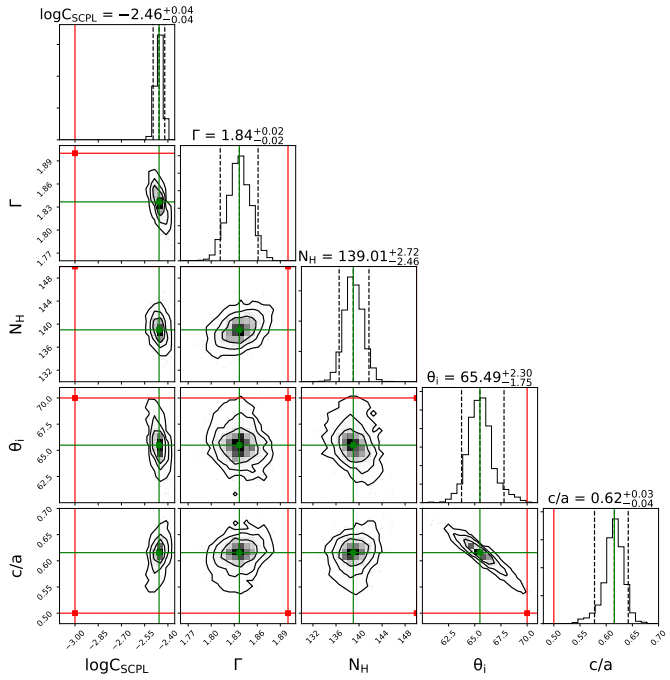

Figure 1: Contours for $M_{\rm RXT} \rightarrow D_{\rm MYT}$ analysis in the MCT regime, with $N_{\rm H,los} = 100$ as input. $\chi^2/{\rm dof} = 1.11$

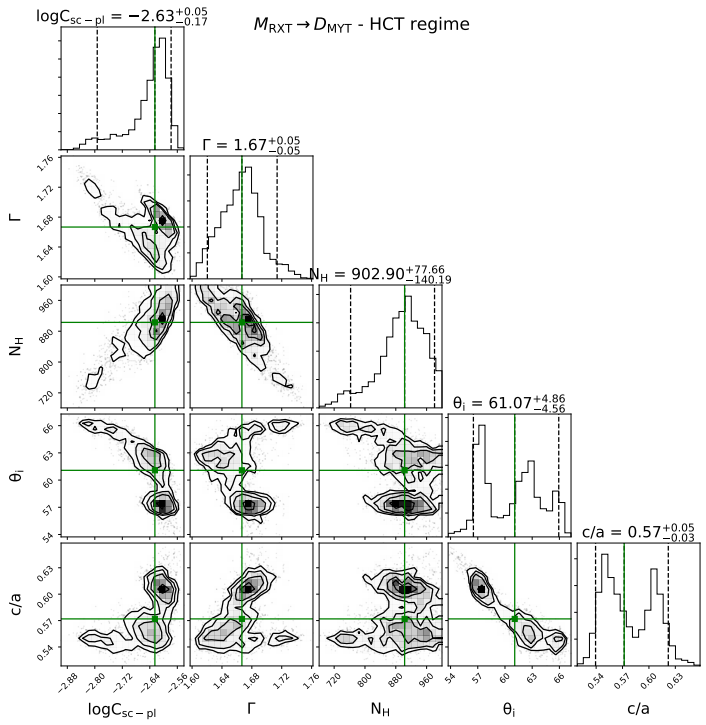

Figure 2: Contours for $M_{\rm RXT} \rightarrow D_{\rm MYT}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ as input. $\chi^2/{\rm dof} = 1.27$. No lines were considered.

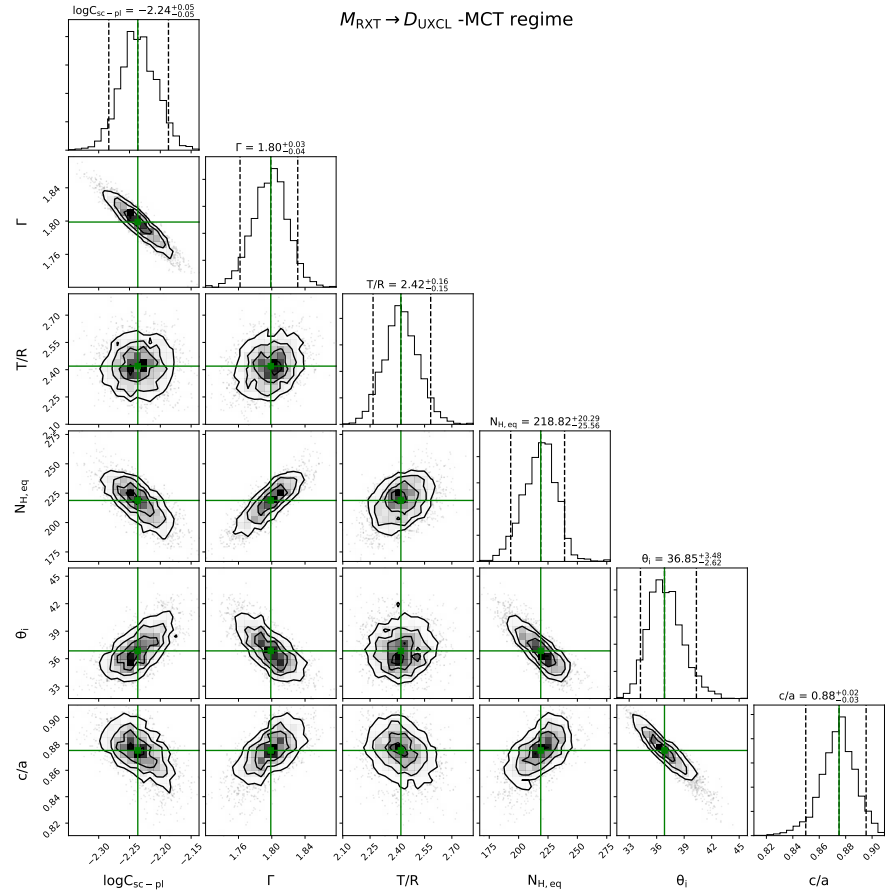

Figure 3: Contours for $M_{\rm RXT} \rightarrow D_{\rm UXCL}$ analysis in the MCT regime, with $N_{\rm H,los} = 100$ as input. The output $N_{\rm H,los} = 91.04$ and $\chi^2/{\rm dof} = 1.04$. $c/a = 0.88$ implies a very large covering factor of the torus.

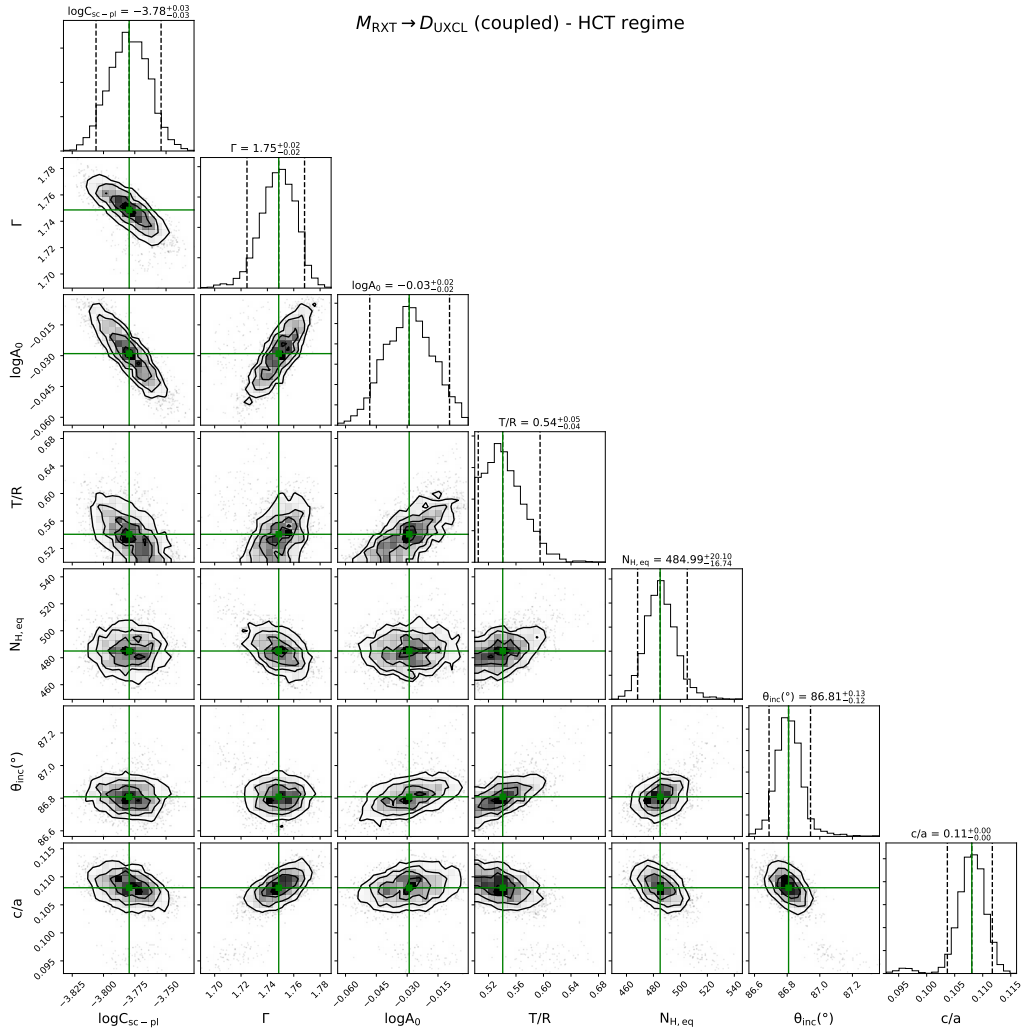

Figure 4: Contours for $M_{\rm RXT} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0$ (for the inner ring) as input. The fit is performed in coupled configuration. For the output spectra $N_{\rm H,los} = 415$ with $\chi^2/{\rm dof} = 1.62$. The very low value of c/a implies that this configuration is an annulus rather than a donut.

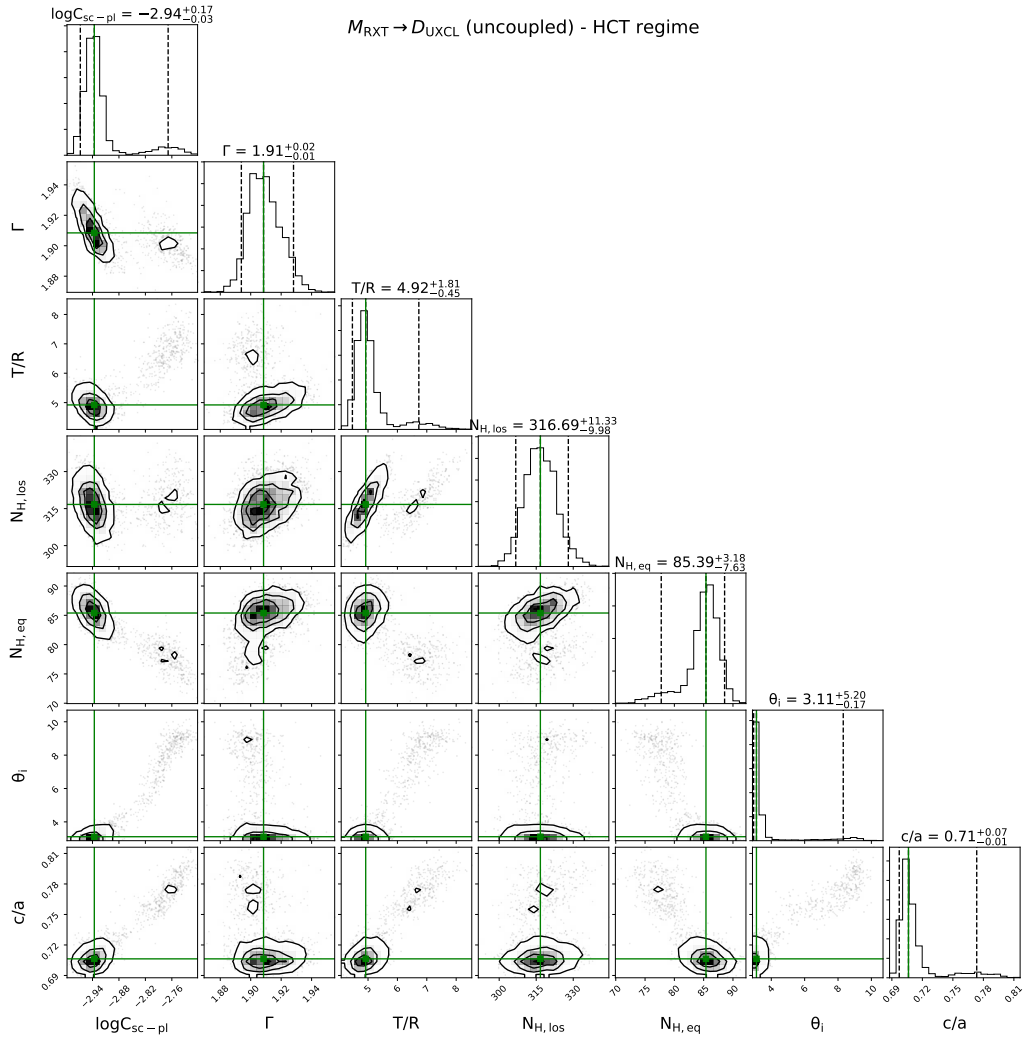

Figure 5: Contours for $M_{\rm RXT} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0$ (for the inner ring) as input. The fit is performed uncoupled configuration, with $N_{\rm H,los} = 500$ as input. The $N_{\rm H,los} = 317$ and $T/R = 4.92$ with, $\chi^2/{\rm dof} = 1.14$. The high T/R results in a high zeroth-order continuum contributing a significant amount of flux in the CRH region.

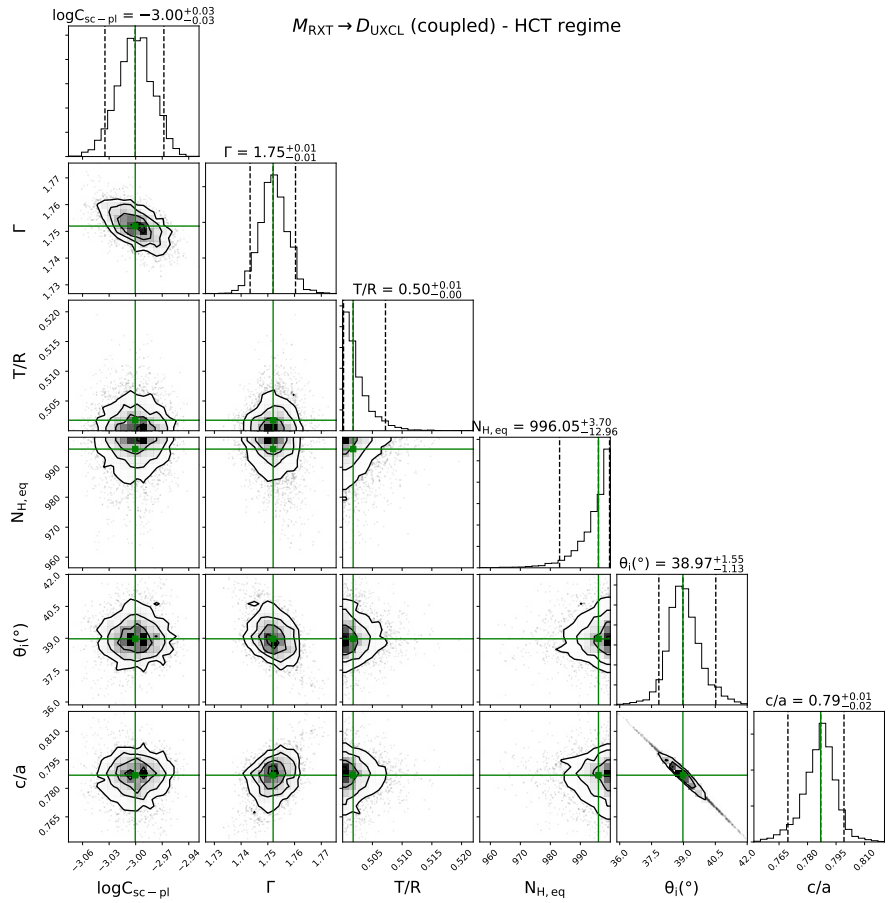

Figure 6: Contours for $M_{\rm RXT} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0.4$ (for the inner ring) as input. The fit is performed uncoupled configuration, with $N_{\rm H,los} = 500$ as input. The $N_{\rm H,los} \simeq 175$ and T/R is consistent with 0.1 with, $\chi^2/{\rm dof} = 1.25$.

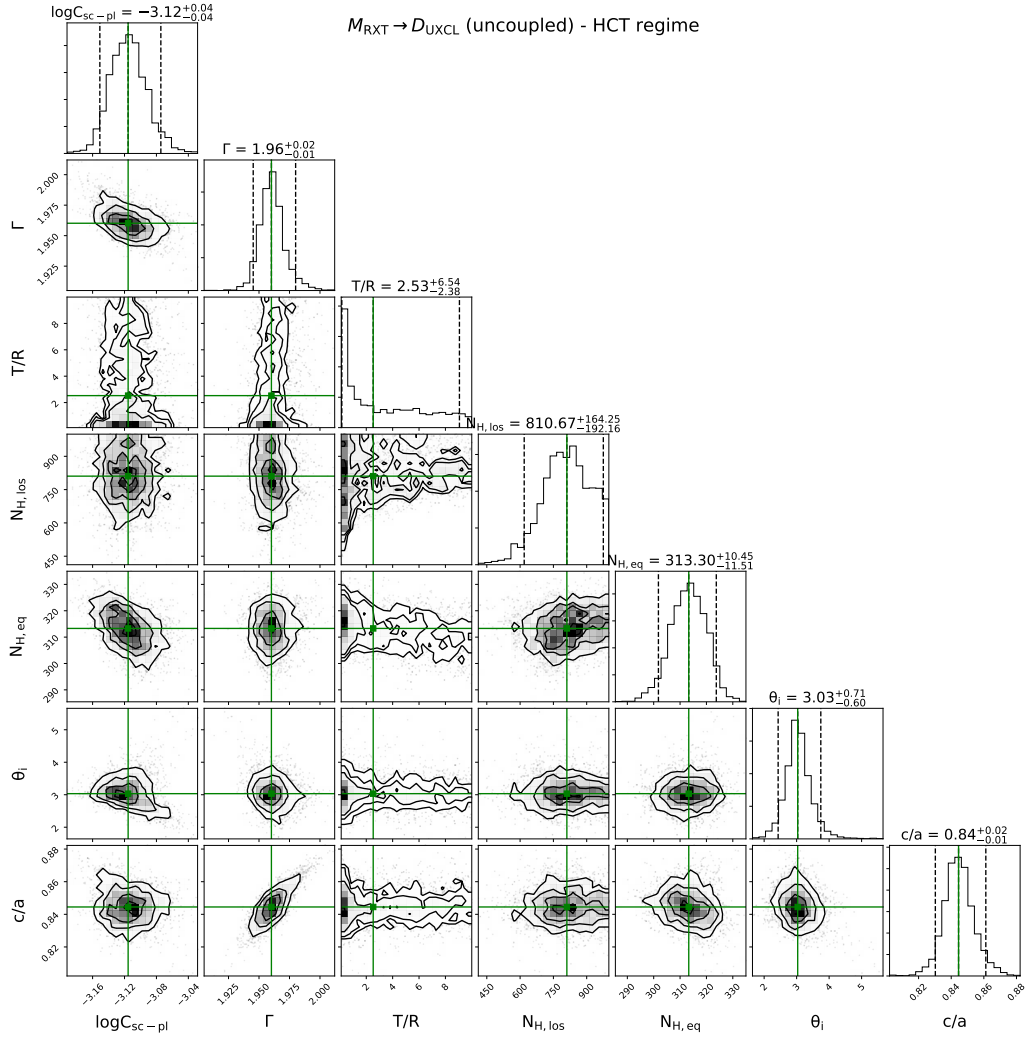

Figure 7: Contours for $M_{\rm RXT} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0.4$ (for the inner ring) as input. The fit is performed uncoupled configuration, with $N_{\rm H,los} = 500$ as input. The $N_{\rm H,los} \simeq 811$ and T/R is consistent with 0.1 with, $\chi^2/{\rm dof} = 1.12$.