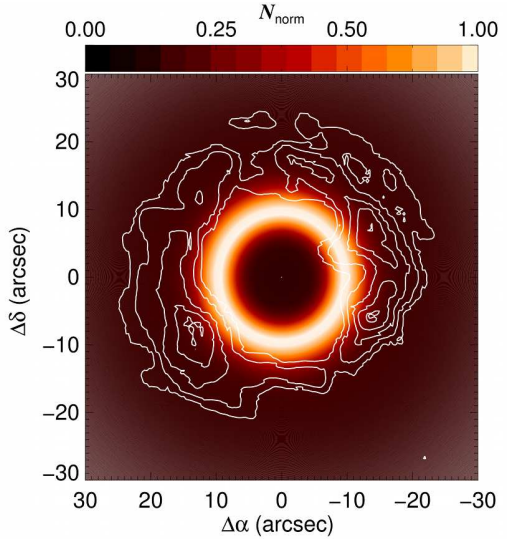
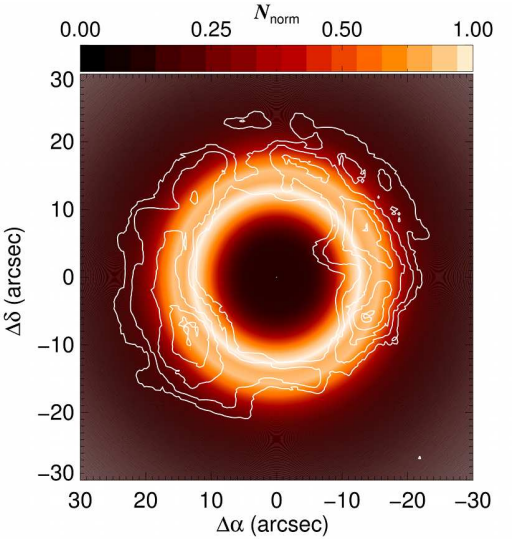
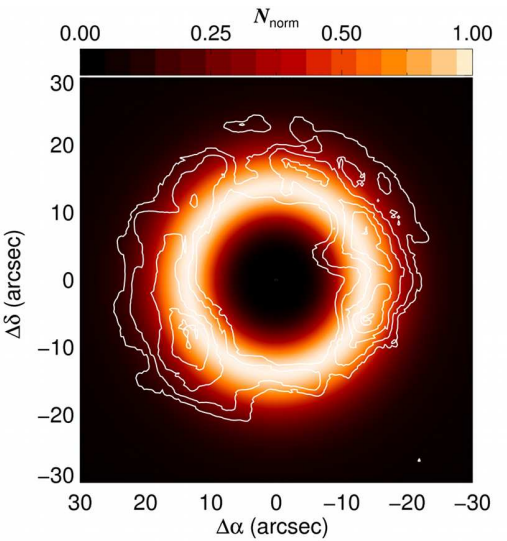


(a) Chemical model assuming time-independent mass loss



(b) Chemical model assuming time-dependent mass loss



(c) Chemical model assuming time-independent mass loss and an interstellar UV field a quarter as strong as in the standard model presented in panel (a)