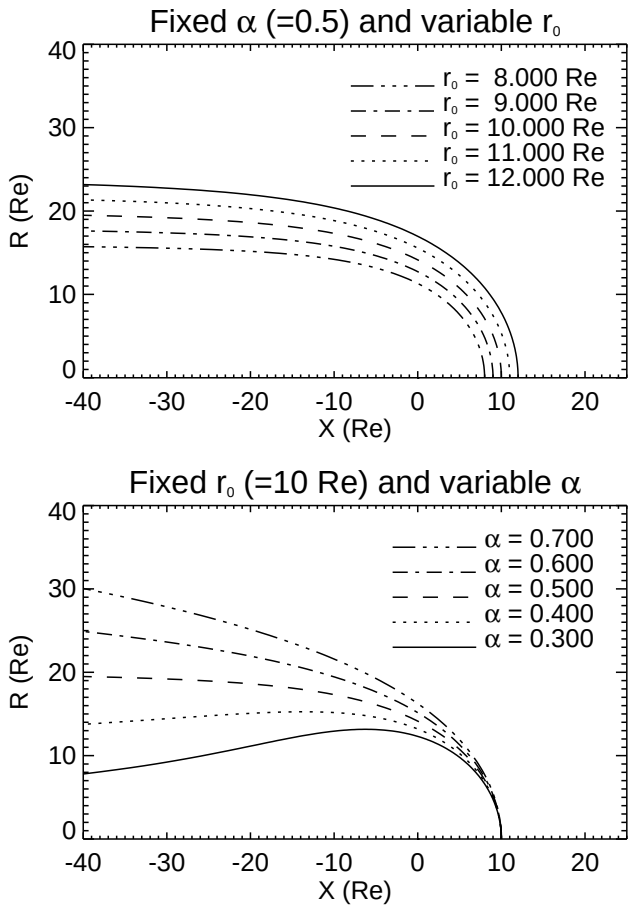
Fixed α (=0.5) and variable r0
r0 = 8.000 Re
r0 = 9.000 Re
r0 = 10.000 Re
r0 = 11.000 Re
r0 = 12.000 Re
R (Re)
X (Re)
Fixed r0 (=10 Re) and variable α
α = 0.700
α = 0.600
α = 0.500
α = 0.400
α = 0.300
R (Re)
X (Re)

Fig. 1