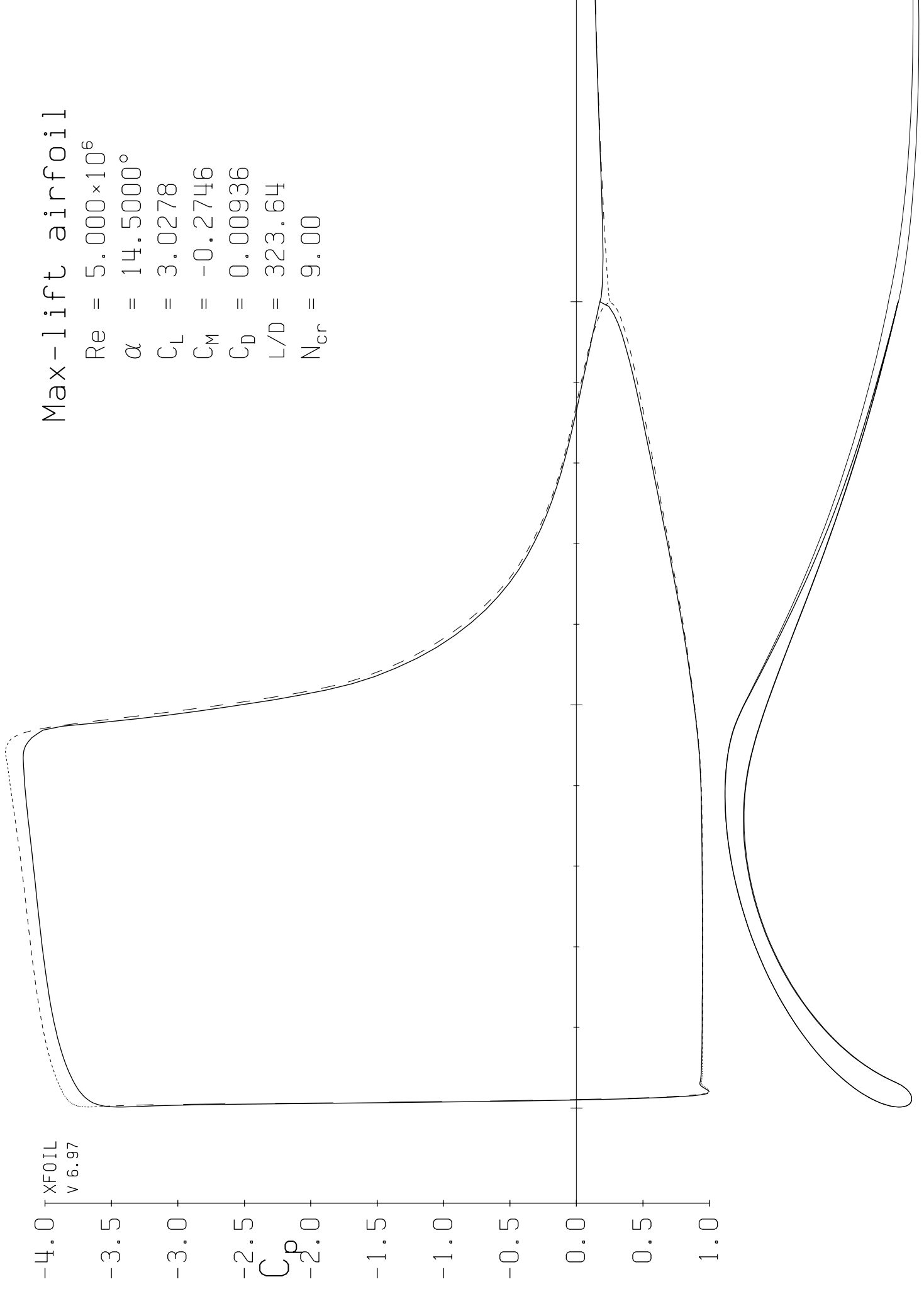


# Max-lift airfoil

Re =  $5.000 \times 10^6$   
 $\alpha$  =  $14.5000^\circ$   
 $C_L$  = 3.0278  
 $C_M$  = -0.2746  
 $C_D$  = 0.00936  
L/D = 323.64  
 $N_{cr}$  = 9.00



# Max-lift airfoil 5

$Re = 0.300 \times 10^6$

$\alpha = 11.6000^\circ$

$C_L = 2.0899$

$C_M = -0.1527$

$C_D = 0.02640$

$L/D = 79.17$

$N_{cr} = 9.00$

xFOIL  
v 6.97

-4.0  
-3.5  
-3.0  
-2.5  
-2.0  
-1.5  
-1.0  
-0.5  
0.0  
0.5  
1.0

$C_p$

