

Contours of Mach  
Increment = 0.025

# \_Turbine P/c=1.60

Mach<sub>1</sub> = 0.2390    Mach<sub>2</sub> = 1.1000  
p<sub>1</sub>/p<sub>0</sub> = 0.9610    p<sub>2</sub>/p<sub>0</sub> = 0.4559  
S<sub>1</sub> = 0.0000    S<sub>2</sub> = -2.2039  
p<sub>2</sub>/p<sub>1</sub> = 0.4744    Re = 0.100×10<sup>6</sup>  
ω = 0.6801    ω<sub>v</sub> = 0.4257

1.4 T MISES  
v 2.64

M<sub>is</sub>

1.2

1.0

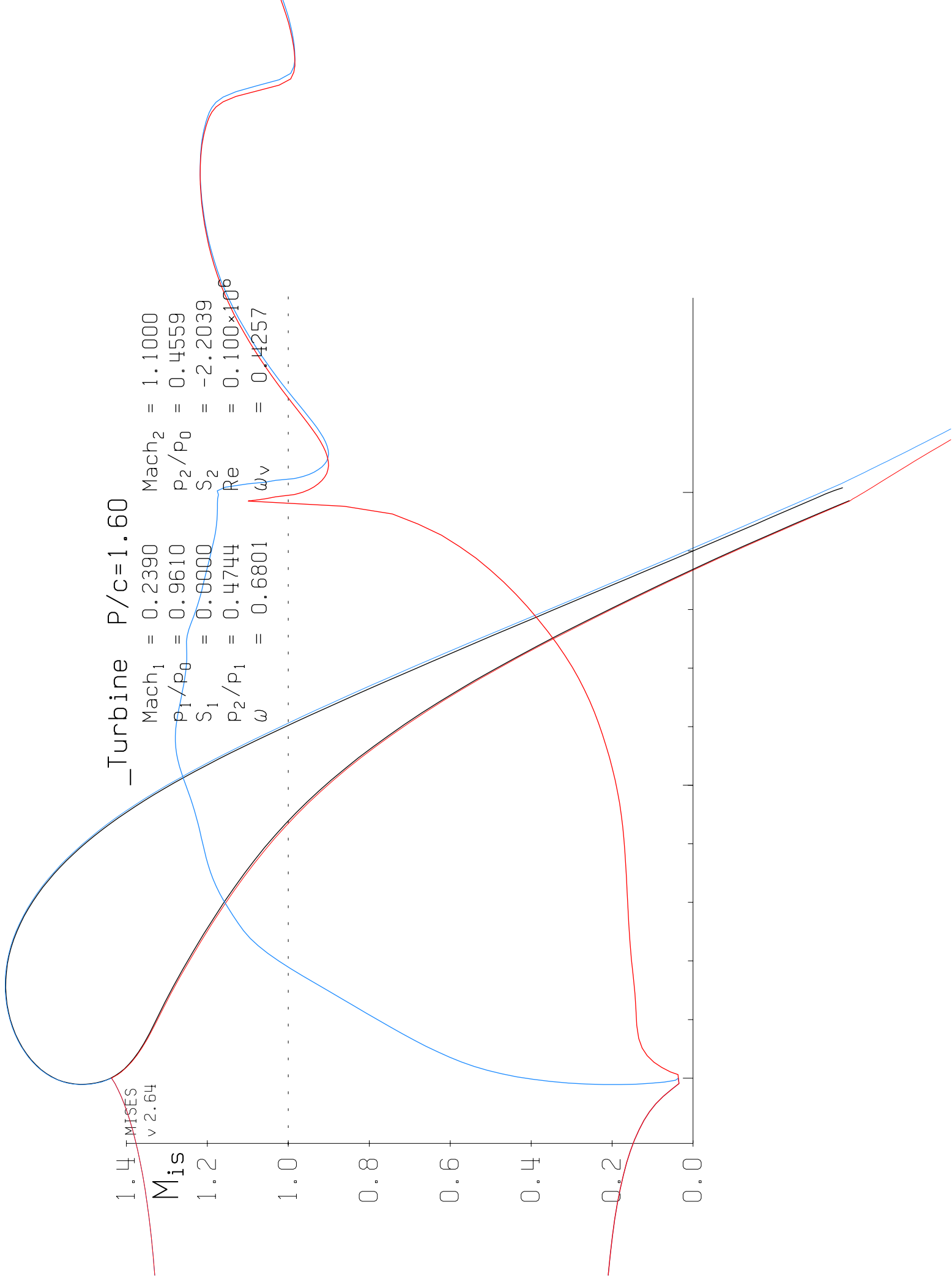
0.8

0.6

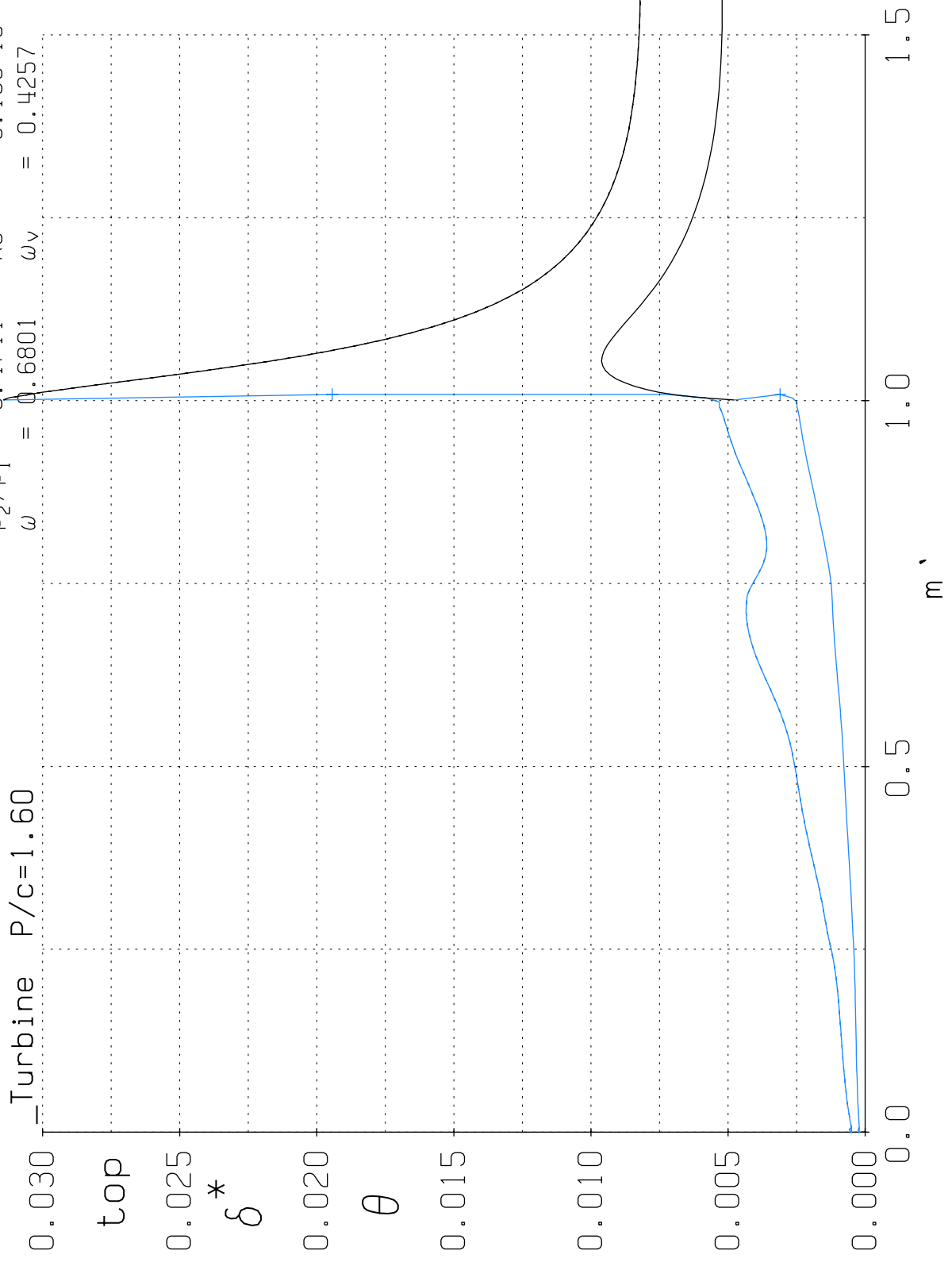
0.4

0.2

0.0



$Mach_1 = 0.2390$        $Mach_2 = 1.1000$   
 $P_1/P_0 = 0.9610$        $P_2/P_0 = 0.4559$   
 $S_1 = 0.0000$        $S_2 = -2.2039$   
 $P_2/P_1 = 0.4744$        $Re = 0.100 \times 10^6$   
 $\omega = 0.6801$        $\omega_v = 0.4257$



Mach<sub>1</sub> = 0.2390      Mach<sub>2</sub> = 1.1000  
 P<sub>1</sub>/P<sub>0</sub> = 0.9610      P<sub>2</sub>/P<sub>0</sub> = 0.4559  
 S<sub>1</sub> = 0.0000          S<sub>2</sub> = -2.2039  
 P<sub>2</sub>/P<sub>1</sub> = 0.4744      Re = 0.100×10<sup>6</sup>  
 ω = 0.6801            ω<sub>v</sub> = 0.4257

