

Contours of Mach  
Increment = 0.010

# UTRC BUILD 1

Mach <sub>1</sub> = 0.4040	Mach <sub>2</sub> = 0.2509
p <sub>1</sub> /p <sub>0</sub> = 0.8937	p <sub>2</sub> /p <sub>0</sub> = 0.9537
S <sub>1</sub> = 1.1500	S <sub>2</sub> = 0.0192
p <sub>2</sub> /p <sub>1</sub> = 1.0671	Re = 0.300×10 <sup>6</sup>
ω = 0.0342	ω <sub>v</sub> = 0.0351

-2.0 MISES  
v 2.64

C<sub>p</sub>

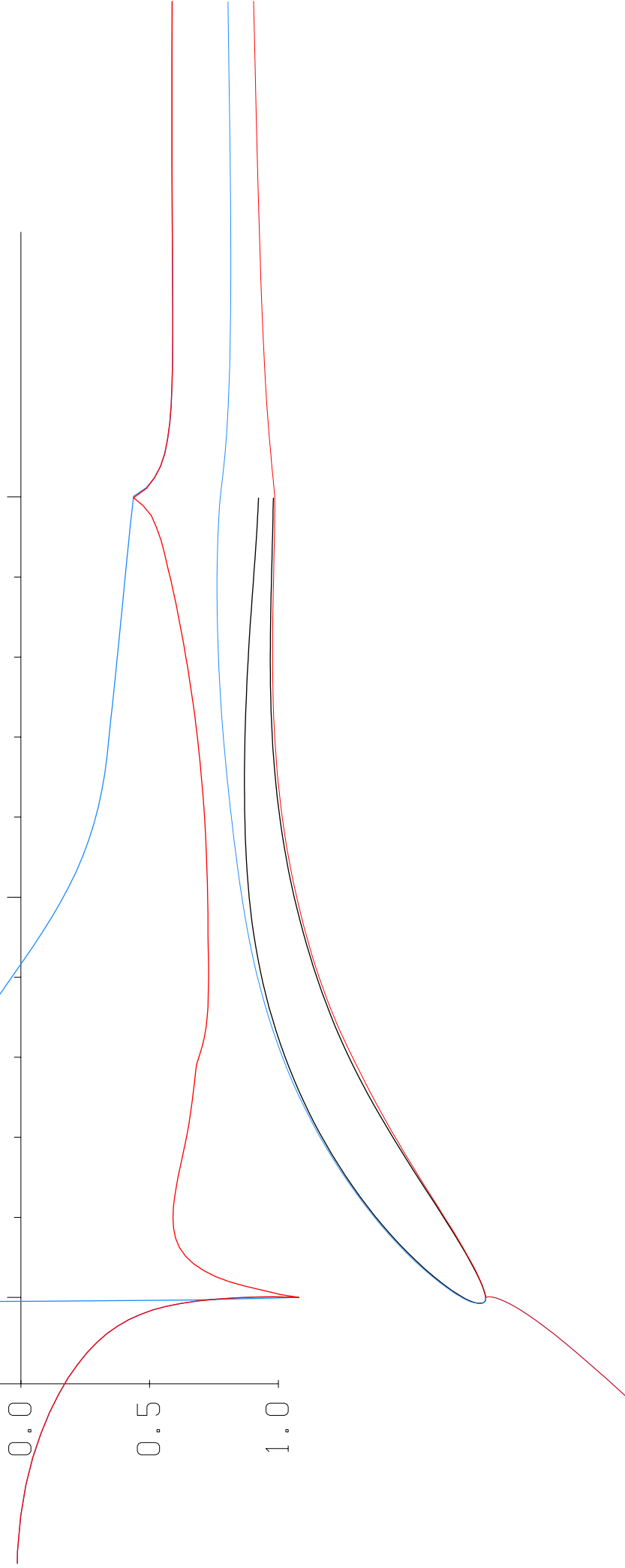
-1.0

-0.5

0.0

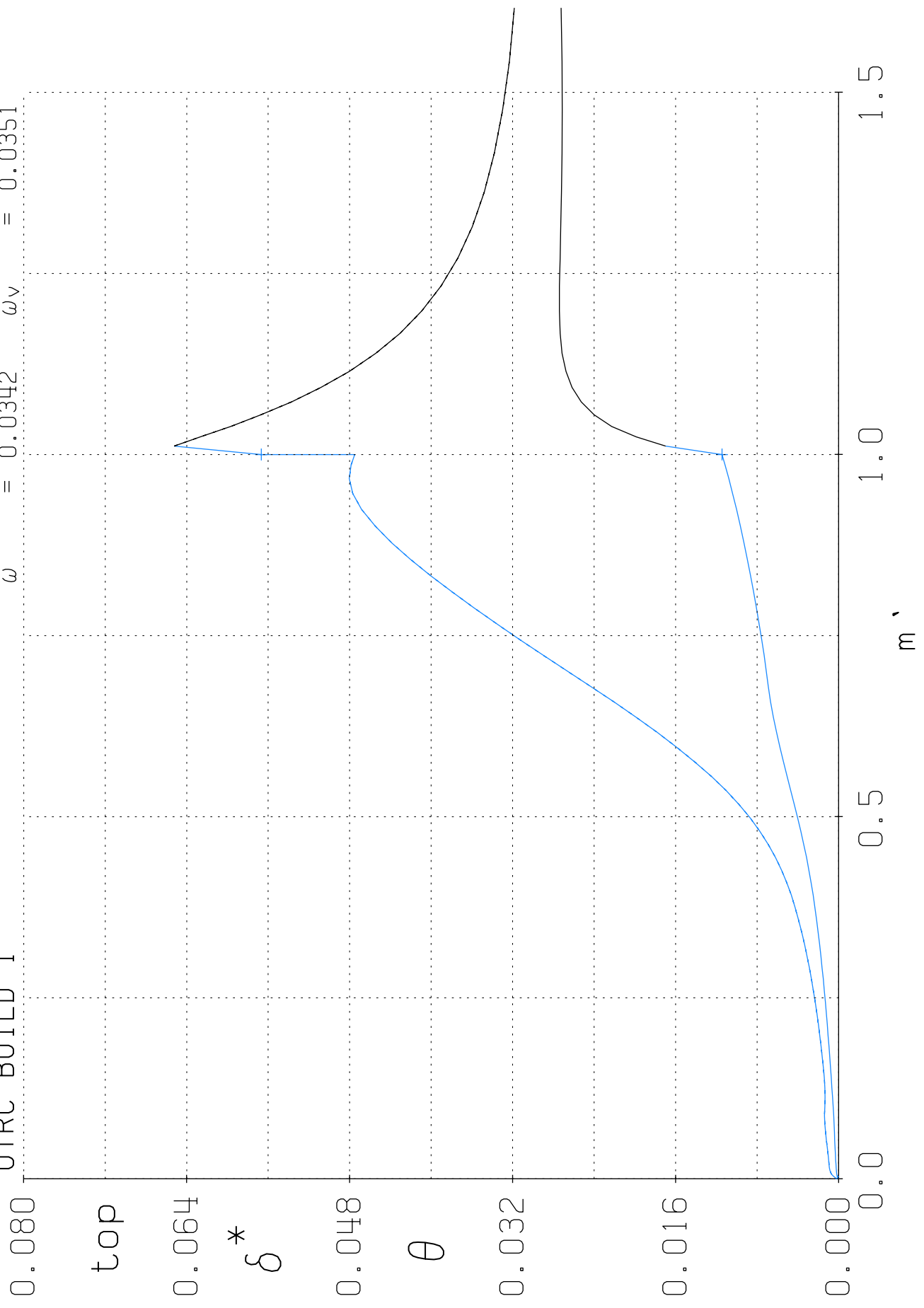
0.5

1.0



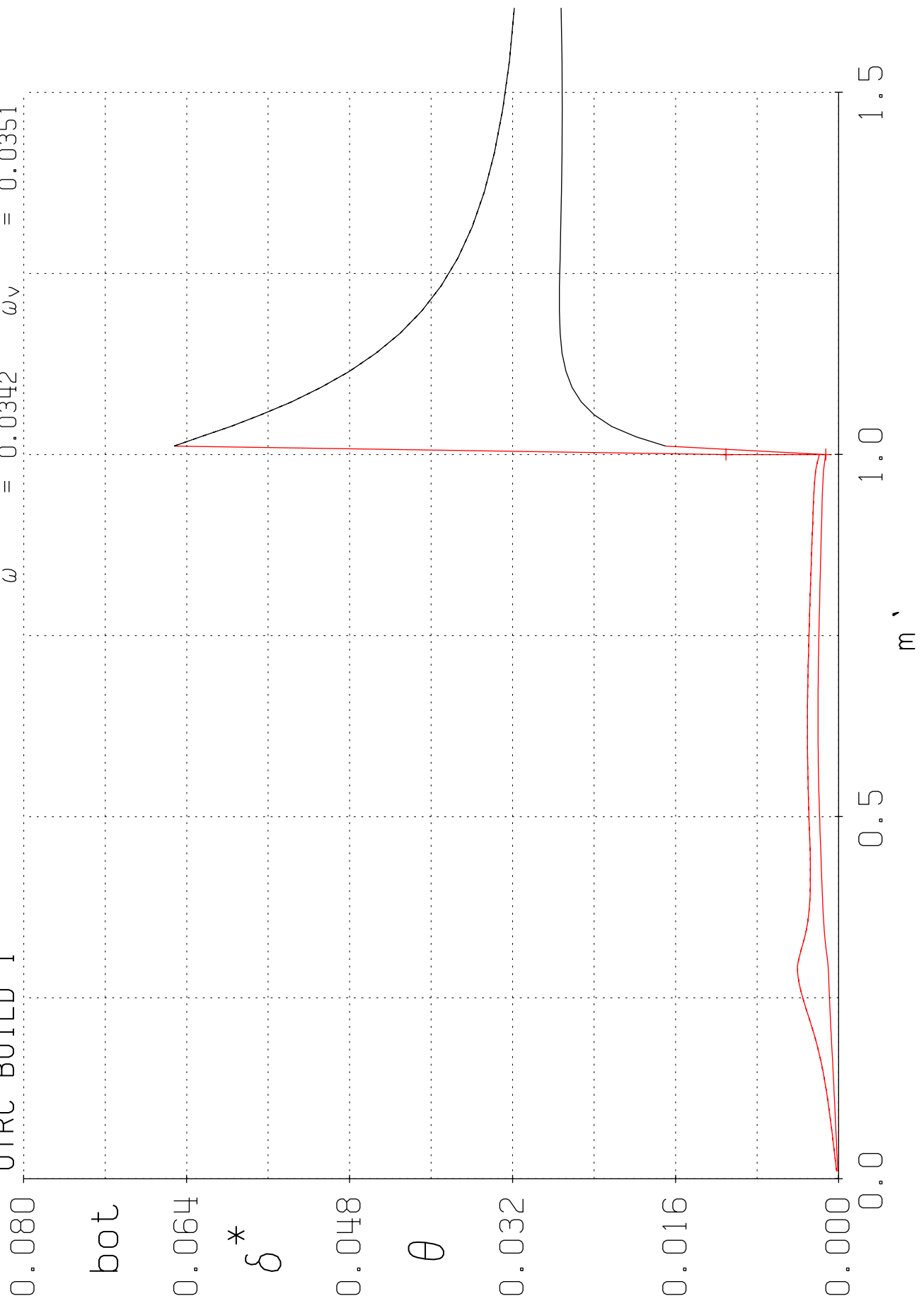
Mach<sub>1</sub> = 0.4040    Mach<sub>2</sub> = 0.2509  
 P<sub>1</sub>/P<sub>0</sub> = 0.8937    P<sub>2</sub>/P<sub>0</sub> = 0.9537  
 S<sub>1</sub> = 1.1500        S<sub>2</sub> = 0.0192  
 P<sub>2</sub>/P<sub>1</sub> = 1.0671    Re = 0.300×10<sup>6</sup>  
 ω = 0.0342         ω<sub>v</sub> = 0.0351

UTRC BUILD 1

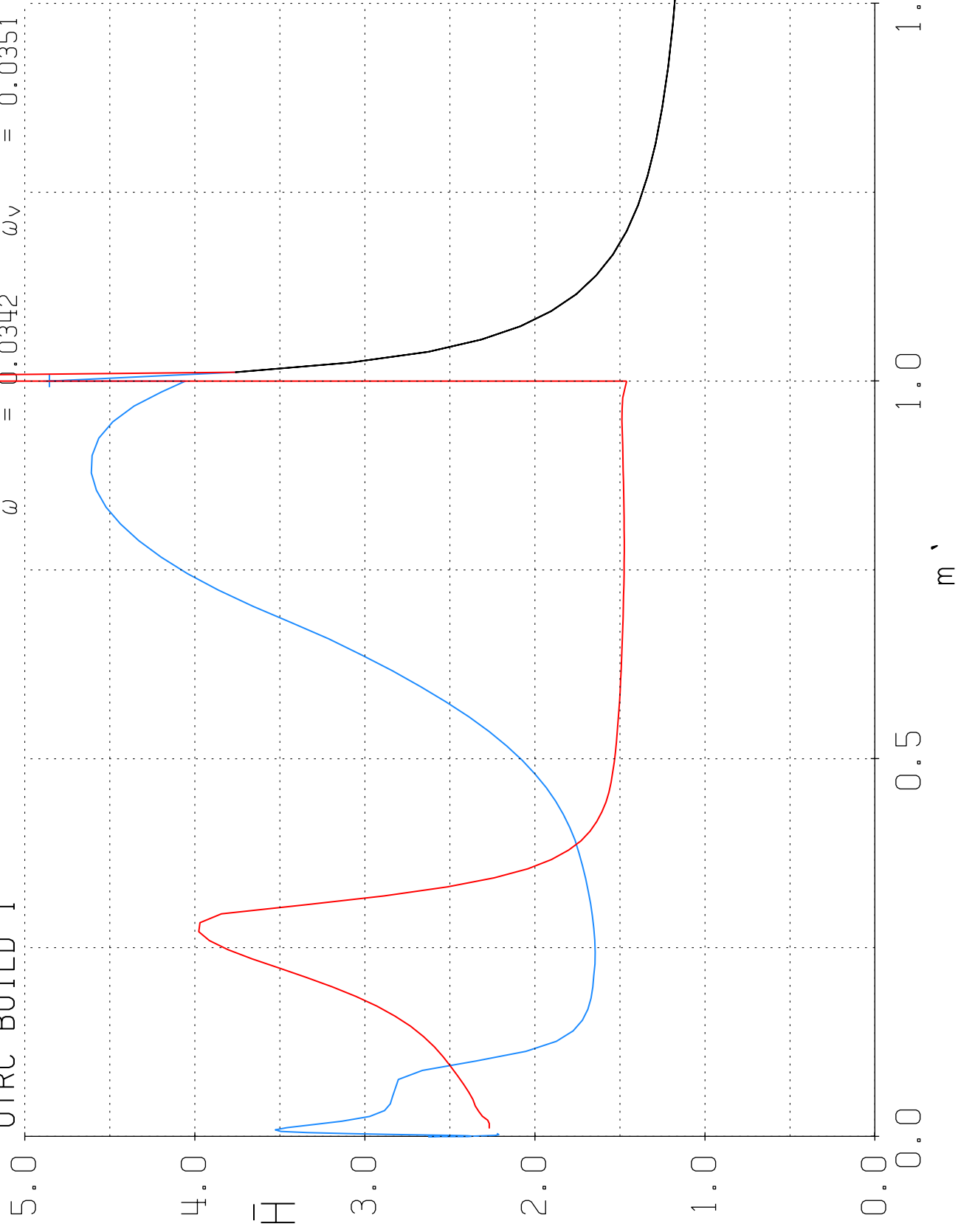


UTRC BUILD 1

Mach<sub>1</sub> = 0.4040    Mach<sub>2</sub> = 0.2509  
P<sub>1</sub>/P<sub>0</sub> = 0.8937    P<sub>2</sub>/P<sub>0</sub> = 0.9537  
S<sub>1</sub> = 1.1500    S<sub>2</sub> = 0.0192  
P<sub>2</sub>/P<sub>1</sub> = 1.0671    Re = 0.300×10<sup>6</sup>  
ω = 0.0342    ω<sub>v</sub> = 0.0351



UTRC BUILD 1



Mach <sub>1</sub> = 0.4040	Mach <sub>2</sub> = 0.2509
P <sub>1</sub> /P <sub>0</sub> = 0.8937	P <sub>2</sub> /P <sub>0</sub> = 0.9537
S <sub>1</sub> = 1.1500	S <sub>2</sub> = 0.0192
P <sub>2</sub> /P <sub>1</sub> = 1.0671	Re = 0.300×10 <sup>6</sup>
ω = 0.0342	ω <sub>v</sub> = 0.0351