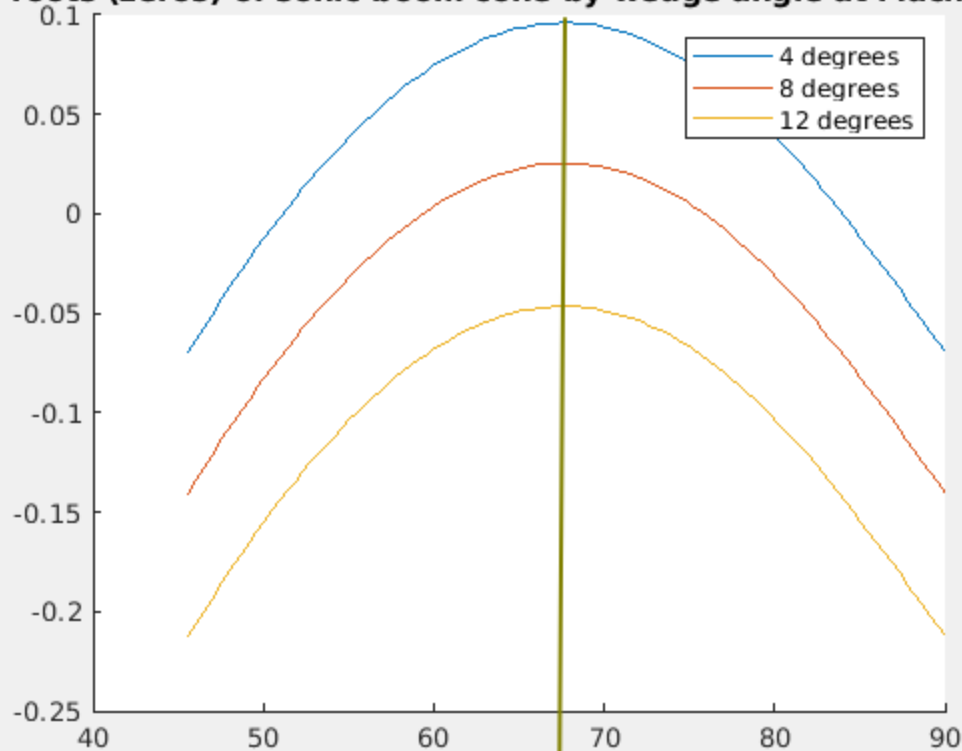
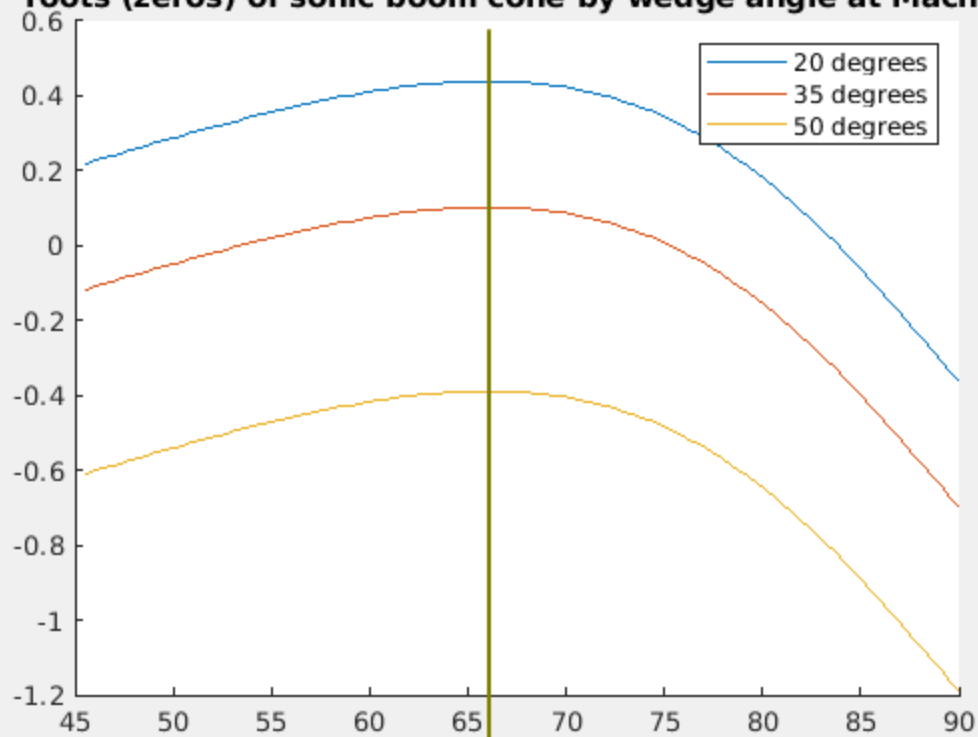


roots (zeros) of sonic boom cone by wedge angle at Mach 1.4



Max value occurs around  
 $\theta = 68$

roots (zeros) of sonic boom cone by wedge angle at Mach 4



Max value occurs around  
 $\theta = 66$

Graphically we can see that the strong shock (left-most value of each line) and weak shock (right-most value) both drop as the wedge angle grows for a given Mach