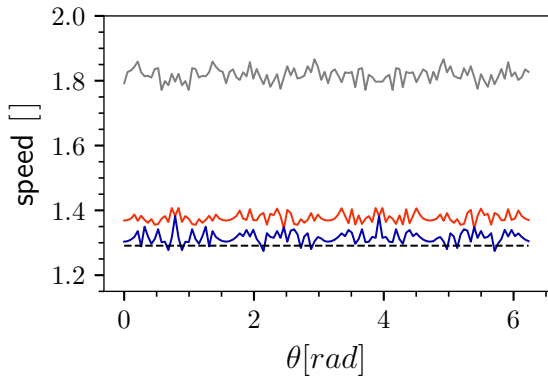


speed as function of angle at  $t=0.3$



Shock speeds

